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The Gazette of India.

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CALCUTTA, SATURDAY, JANUARY 3, 1920.

Separate paging is given to this Part in order that it may be filed as a separate compilation.

PART II.

Notifications by High Court, Comptroller-General, etc.

GAZETTE OF INDIA.

NOTICE.

The 8th November 1919.

On and after 15th November and until further notice, Parts I, IV, V and VI of the *Gazette of India* and the Weather and Crop Report will be published in Delhi, Parts II and III will continue to be published in Calcutta. All notifications and other matter intended for publication in those Parts should be addressed to the Publisher at Delhi and Calcutta, respectively.

Attention is invited to the following Circular Memorandum of the Government of India, Home Department, of August 1901:—

"It has been brought to the notice of this Department that matter for the *Gazette of India* is sometimes sent to the Press late on Friday evenings for publication in the next day's *Gazette* and that this involves considerable inconvenience to the Press and expense to Government. In the Circular Memorandum of this Department, No. 777—79, dated 9th February 1870, the Government of India directed that all notifications or other matter intended for insertion in the *Gazette of India* should be delivered at the Press not later than 2 P.M. on Friday, and that any papers sent thereafter must be certified to be extremely urgent in order to ensure their appearance in the next day's *Gazette*. The undersigned is directed to request that these orders may be more strictly observed in future, and that Departments will refrain from sending to the Press as extremely urgent any papers which can without harm or inconvenience be held over for the next *Gazette*.

J. P. HEWETT,
Secretary to the Government of India."

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J. J. MEIKLE,
Publisher, *Gazette of India*.

THE PATENT OFFICE

PATENTS and DESIGNS.

Calcutta, the 3rd January 1920.

SPECIAL NOTICE.

The last issue of the Notices of the Patent Office appeared in the "Gazette of India," Part II, dated the 20th December 1919.

CORRIGENDA.

The following entry, which appeared in the notification published by this office in Part II of the *Gazette of India*, dated the 20th July 1918, under the heading "Cessation of Exclusive Privileges" is hereby cancelled:—

1914—1581 (Bury).

APPLICATIONS FOR PATENTS UNDER SECTION 8.

December 17.

5102 W. B. Urmson. *Simplex tank draw-off.*

5103. W. P. Heskett. *A new metal compound powder and process for the production of the same.*

5104. R. Morrison. *An improved device for use in the attachment of slings and the like to the hoisting means.*

5105. P. L. G. Johnston. *Reinforced concrete beams, slabs, staircases and other parts of buildings.*

5106. F. V. Adams. *An improved strainer funnel for benzine and other liquids.*

5107. C. Honda. *Method of making the paving material from tarry matter.*

5108. A. G. Webster & Sons, Ld. *Improvements relating to auxiliary cycle rests.*

5109. British United Shoe Machinery Co., Ld. *Improvements in or relating to upper-pulling machines.*

5110. British United Shoe Machinery Co., Ld *Improvements in or relating to skiving machines.*

5111. British United Shoe Machinery Co., Ld. *Improvements in or relating to boot or shoe soles.*

5112. British United Shoe Machinery Co., Ld. *Improvements in or relating to heel nailing machines and nail handling mechanism particularly useful in conjunction therewith.*

5113. Corning Glass Works. *System for picture projection.*

5114. A. L. Ostrov. *Improvements relating to medical or dental syringes.*

5115. A. L. Ostrov. *Improvements in hypodermic syringes.*

5116. D. O. T. Societe Anonyme Pour L'Exploitation des Brevets Descalles. *Combination device for padlocks, bolts and safety locks.*

5117. J. L. Jardine. *Improvements in apparatus for preparing bamboo and kindred material for pulp extraction, or for splitting and flattening such material.*

December 18.

5118. Imperial Trust for the Encouragement of Scientific and Industrial Research, J. E. Sears and A. J. C. Brookes. *An improved method of and means for forming slip measuring gauges.*

5119. Roneo Ld. and W. Chipperfield. *Improvements in or relating to means for simultaneously locking sliding drawers, shelves, or other sliding structures.*

5120. C. N. Rawson, C. A. Rawson, O. E. Rawson and F. A. J. Mathias. *Improved material for the manufacture of wool bales and the like and process of making the same.*

5121. J. H. L. Macdonald and W. W. H. Silk. *Improved core bar.*

5122. T. A. Boyd, H. A. Boyd and J. & T. Boyd, Ld. *Improvements in and relating to the regulating of the tension of yarn in winding machines.*

5123. V. E. Neilley. *Improvements in coin counting and stacking apparatus and in cartons for carrying stacked coin.*

5124. R. J. Dennett. *Improvements in or relating to a fastening and sealing device for railway wagons, warehouses or the like, and means for labelling such fastening.*

December 20.

5125. Nazir Mohamad. *Improvement in railway signals for ensuring safe working of trains and averting serious accidents.*

5126. A. W. W. Ardagh. *Manufacture of a new or improved fire-resisting plastic material, its combination with and application to other materials for constructional purposes.*

APPLICATIONS ACCEPTED AND ADVERTISED UNDER SECTION 6.

Notice is hereby given that all persons interested in opposing the grant of a Patent on any one of the applications, referred to below, may, at any time within three months of the date of this *Gazette of India*, give notice at the Patent Office in the prescribed form No. 5 of such opposition.

Printed copies of the specifications in the following list will be on sale at the Patent Office, 1, Council House Street, Calcutta, within about three weeks.

Any one desiring a copy posted to an address in British India should send to the Patent Office the sum of annas eight by money-order on which the number of the application should be stated on the coupon at the foot of the order.

4023. Fine Cotton Spinners' and Doublers' Association Ld. and W. L. Balls. *Improvements in apparatus for grading or separating fibres according to their length.*

4171. Mantle Lamp Company of America. *Improvements in blue flame burners.*

4363. C. Weizmann. *Improvements relating to the carrying out of bacteriological processes.*

4541. Multiplex Packeting and Filling Machine Co., Ld. *An improved receptacle filling and measuring machine.*

4997. E. Vinograd and M. N. Grotent. *Car couplers.*

5051. J. McFarlane and D. Clelland. *An improved screw-cutting tap.*

PRINTED SPECIFICATIONS PUBLISHED.

Printed copies of the undernoted specifications may be purchased at the Patent Office, 1, Council House Street, Calcutta, annas eight each.

1787. Dr. W. Fuchs and Dr. E. Granichstädten. *Process for the manufacture of catalysing agents.*

1931. Elektro-Osmose Aktiengesellschaft (Graf Schwerin Gesellschaft.) *An improvement in the treatment of clay and kaolin by an elutriation process.*

2048. L. Karnet. *Apparatus for straightening rails, girders or the like.*

2095. Elektro-Osmose Aktiengesellschaft (Graf Schwerin Gesellschaft.) *Improved process for separating from a mixture one or more suspension colloids, emulsion colloids, true colloids, ions or dissolved bodies or members of two or more of these classes.*

4483. P. M. Mehta. *Improved means for repairing cinema films.*

4969. A. E. Trimmings. *Improvements in or relating to tennis and the like rackets.*

SEALING FEES DUE UNDER SECTION 10.

Notice is hereby given that a patent may now be sealed on the applications referred to below. If it is desired that a patent should be sealed, a request on the prescribed form No. 7 accompanied by the fee, R30, should be sent to the Controller of Patents, 1, Council House Street, Calcutta.

4263. Mehta.
4336. Wells.
4339. Techno-Chemical Laboratories Ld.
4368. Ellis.
4474. Electro-Agricultur Aktiebolaget.
4577. Weinrich.
4686. Marum.
4709. Nowell and Collett.
4712. Palmer.
4733. Efficient Gas Power Co., Ltd.
4742. British Westinghouse Electric and Manufacturing Co., Ltd.
4748. Atock.
4772. Stott and Jones.
4773. Luard.
4774. Luard.
4775. Luard and Rawlings.
4776. Ford.
4777. Stevens.
4780. Reece.
4781. International de Lavaud Manufacturing Corporation, Ltd.
4782. Bynoe.
4784. Hele-Shaw.
4786. Palmer, Seale and Nevett.
4787. Manuel.
4789. Hayward.
4791. Master.
4792. British Westinghouse Electric and Manufacturing Co., Ld.
4795. Pickering.
4796. Standard Oil Co.
4797. Standard Oil Co.
4798. White, and Payne.
4799. West.
4800. British Westinghouse Electric and Manufacturing Co., Ld.

PATENTS SEALED.

3787. Nobuhara.
3783. Waine.
4083. Berendonck's Syndicaat Voor Banden in Deelen.
4266. Shroff.
4274. Manickasary.
4361. Lobnitz & Co., Ld.
4644. Bengal Chemical and Pharmaceutical Works, Ld.
4664. Tribe.
4671. Fletcher.
4677. Lewtey.
4688. Porter and Emrick.
4689. Gilbert.
4690. Young.
4692. American Spike Co. Inc.
4696. Benard.
4697. Benard.
4698. Benard.
4713. Emrick and Porter.
4722. Cook.
4724. Crozier.

RENEWAL FEES PAID.

272 of 1907. Badische Anilin & Soda Fabrik. (To 28 February 1921.)
552 of 1907. Monotype Machine (Colonial Patents) Syndicate Ld. (To 4 July 1921.)
553 of 1907. Monotype Machine (Colonial Patents) Syndicate Ld. (To 4 July 1921.)
428 of 1908. Monotype Machine (Colonial Patents) Syndicate Ld. (To 7 August 1921.)
505 of 1908. Monotype Machine (Colonial Patents) Syndicate Ld. (To 25 August 1921.)
42 of 1909. Monotype Machine (Colonial Patents) Syndicate Ld. (To 31 August 1921.)
258 of 1909. Monotype Machine (Colonial Patents) Syndicate Ld. (To 11 March 1921.)
3 of 1910. Monotype Machine (Colonial Patents) Syndicate Ld. (To 24 September 1921.)
599 of 1910. Allen-Liversidg Portable Acetylene Co. Ld. (To 13 January 1921.)
8 of 1911. Monotype Machine (Colonial Patents) Syndicate Ld. (To 8 August 1921.)
347 of 1911. Graaff. (To 29 December 1920.)
540 of 1911. Lackawanna Steel Co. (To 12 January 1921.)
672 of 1911. Monotype Machine (Colonial Patents) Syndicate Ld. (To 24 July 1921.)
673 of 1911. Monotype Machine (Colonial Patents) Syndicate Ld. (To 24 July 1921.)
121 of 1912. Heenan. (To 11 March 1921.)
200 of 1912. Monotype Machine (Colonial Patents) Syndicate Ld. (To 22 April 1921.)
647 of 1912. Monotype Machine (Colonial Patents) Syndicate Ld. (To 9 December 1921.)
729 of 1913. Monotype Machine (Colonial Patents) Syndicate Ld. (To 3 February 1921.)
780 of 1913. Paterson. (To 24 February 1921.)
805 of 1913. Monotype Machine (Colonial Patents) Syndicate Ld. (To 3 March 1921.)
819 of 1913. Schimdt's Superheating Co. (1910) Ld. (To 10 March 1921.)
859 of 1913. Paterson. (To 26 March 1921.)
976 of 1913. Monotype Machine (Colonial Patents) Syndicate Ld. (To 2 June 1921.)
1136 of 1913. Monotype Machine (Colonial Patents) Syndicate Ld. (To 26 August 1921.)
1137 of 1913. Monotype Machine (Colonial Patents) Syndicate Ld. (To 26 August 1921.)
1394 of 1914. Sheffield and ors. (To 2 January 1921.)
1522 of 1914. Det Kontinentale Syndikat for Poulsen Radio-Telegraphi. (To 11 March 1921.)
1559 of 1914. Martins. (To 30 March 1921.)
1581 of 1914. Bury. (To 8 April 1920.)
1608 of 1914. Monotype Machine (Colonial Patents) Syndicate Ld. (To 20 April 1921.)
1908 of 1914. Monotype Machine (Colonial Patents) Syndicate Ld. (To 20 October 1921.)
1985 of 1915. Mitchell. (To 7 January 1921.)
1999 of 1915. Watson. (To 19 January 1921.)
2003 of 1915. Bell. (To 25 January 1921.)
2035 of 1915. Jardine and anr. (To 22 February 1921.)
2052 of 1915. Constantinesco and anr. (To 3 March 1921.)
2062 of 1915. Stenning and anr. (To 15 March 1921.)
2181 of 1915. Monotype Machine (Colonial Patents) Syndicate Ld. (To 19 June 1921.)
2350 of 1915. Monotype Machine (Colonial Patents) Syndicate Ld. (To 25 October 1921.)
2372 of 1915. Hall. (To 10 November 1920.)
2423 of 1916. Leitch. (To 3 January 1921.)
2424 of 1916. Druitt and anr. (To 3 January 1921.)
2427 of 1916. Woods-Gilbert Rail Planer Co. Ld. (To 4 January 1921.)
2457 of 1916. Grob. (To 28 January 1921.)
2484 of 1916. General Electric Co. (To 17 February 1921.)
2487 of 1916. Monotype Machine (Colonial Patents) Syndicate Ld. (To 18 February 1921.)
2496 of 1916. Entwisle. (To 28 February 1921.)
2499 of 1916. Paterson. (To 29 February 1921.)
2511 of 1916. Jardine. (To 7 March 1921.)
2515 of 1916. Constantinesco and anr. (To 8 March 1921.)
2530 of 1916. Constantinesco and anr. (To 21 March 1921.)
2624 of 1916. Monotype Machine (Colonial Patents) Syndicate Ld. (To 14 July 1921.)
2625 of 1916. Monotype Machine (Colonial Patents) Syndicate Ld. (To 14 June 1921.)

2630 of 1916. Heuvelink. (To 16 June 1921.)
2675 of 1916. Monotype Machine (Colonial Patents) Syndicate Ld. (To 27 July 1921.)
2684 of 1916. Monotype Machine (Colonial Patents) Syndicate Ld. (To 4 August 1921.)
2715 of 1916. Monotype Machine (Colonial Patents) Syndicate Ld. (To 2 September 1921.)
2716 of 1916. Monotype Machine (Colonial Patents) Syndicate Ld. (To 2 September 1921.)
2745 of 1916. Monotype Machine (Colonial Patents) Syndicate Ld. (To 29 September 1921.)
2773 of 1916. Monotype Machine (Colonial Patents) Syndicate Ld. (To 23 October 1921.)
2848 of 1916. Monotype Machine (Colonial Patents) Syndicate Ld. (To 18 December 1921.)

CESSATION OF EXCLUSIVE PRIVILEGES.

The public are warned that entries under this heading must not be accepted as final, as under the provisions of Rules 9 and 11 of "The Indian Patents and Designs (Temporary) Rules, 1915," the Controller may extend the time prescribed by the Indian Patents and Designs Act, 1911, and by the Inventions and Designs Act, 1888, for paying the necessary renewal fees.

The Patent Office will supply on request definite information, so far as possible, as to the position of any particular Patent or Exclusive Privilege.

1912.

508. (Rohm.) 517. (Alkemade.)

1913.

1194. (Nobel's Explosives Co. Ld.) 1195. (Nobel's Explosives Co. Ld.)

1915.

2303. (Ashton.) 2306. (Koering Cyaniding Process Co.) 2307. (Prichard.)

EXTENSION OF COPYRIGHT IN DESIGNS.

Class 1. No. 2648. Akber Ali, of Mohalla Sufian, Ludhiana, Punjab. January 22, 1915 (Copyright in design extended for five years.)

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ALLAHABAD	Public Library.
BANGALORE	Indian Institute of Science.
BOMBAY	Record Office.
"	Victoria Jubilee Technical Institute, Byculla.
"	The Bombay Textile and Engineering Association, No. 1A, Sussex Road, Parel.
CALCUTTA	Patent Office, No. 1, Council House Street.
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CAWNPORE	Office of the Director of Industries, United Provinces.
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LONDON	The Patent Office, 25, Southampton Buildings, W.C.
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SHOLAPUR	Office of the Collector.
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(a) Patent Office Handbook (Acts, Rules and instructions)		1	0
(b) The Indian Patents and Designs Act, II of 1911		0	10
(c) The Indian Patents and Designs Act, II of 1911 (Urdu and Hindi)	each	0	2
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(e) Weekly Notifications (Extract from the *Gazette of India*)		0	1
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(f) Inventions (Consolidated Subject Matter Index, 1900-1908, and Chronological lists, 1900-1904)		2	0
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List of text-books, etc., prescribed for the examination (other than departmental) of Civil and Military officers in oriental languages (Urdu, Persian, Arabic, Hindi, Sanskrit, Assamese, Bengali and Uriya), together with annual collections of Specimens of Examination Papers, obtainable from the Board of Examiners, Calcutta, can be had from the Secretary, Board of Examiners, Calcutta.

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MURREE HILLS—
M. S. C. Bagchi, Munshi, Lawrence Government European School, Ghoragali, P. O. Murree Hills.
M. Ghulam Mohy-ud-Din, Regimental Munshi, 2nd North Staffordshire Regiment (summer only).
M. Bodh Raj, Regimental Munshi (summer only).
M. Abdul Karim Khan, Regimental Munshi, 2/4th Borderers, Lower Gharial, Murree Hills.
MUSSOORIE.—*M. S. Aulad Ali Gilani, Oakgrove European School, Jharipani.
NAINI TAL.—
M. Faqir Ulla, St. Joseph's College, Naini Tal.
M. Mahmud Hasan Israili, Talli Tal.
NASIK—
M. Mohd. Arif, Officers' School of Instruction.
M. Habibun Nabi Khan Saulat, Officers' School of Instruction.
*M. Mohamad Sharafat Ali, Officers' School of Instruction.
M. Mohd. Abdul Hamid, Officers' School of Instruction.
NASIRABAD.—M. S. Sadiq Ali, Munshi Fazil, C/o Peerjee Mohd. Ali, Sugar and Tea Merchant, Nasirabad (Rajputana).
NOWSHERA—
M. Ahmed Din, Regimental Munshi, Warwickshire Regiment, Sadar Bazar, Nowshera.
M. Sadal Mabud, Officers' Munshi, Nowshera City.
PATNA.—†M. S. Fasihuddin Balkhi, Bakhshi Muhalla, Patna City.
PESHAWAR—
M. Abdur Rahim, Head Master, Islamia High School, Peshawar.
M. Ajab Shah Anand, Officers' Munshi, Daki Nama, Peshawar City.
M. Kazi Ghulam Nabi, opposite General Post Office, Sadar Bazar, Peshawar.
*M. Saiyid Zafar Shah Bukhari, Head clerk, office of the Inspector of Schools, Northern Circle, N.-W. F. P. Peshawar.
M. S Ali Hussain Shah, Garhi Hazrat Karim Shah Sahib Bukhari, Karimpura, Peshawar City.
M. H. S. Wajid Ali Shah, Mohalla Sayedan, Karimpura, Peshawar City.

POONA—
M. S. R. Kapur, Regimental Munshi, 2nd Bn., Warwickshire Regiment, C/o Pandit Diwan Chand, Accountant. M. W. S. Office, opposite Divisional Library, Poona.
M. S. Karim Baksh, Regimental Munshi, 2nd Bn., The Lincoln Regiment, Gharpuri, Poona.

QUETTA—
M. Mohd. Rahim Shah, Urdu Instructor, Cadet College
Pt. Hirday Narayan, Urdu Instructor, Cadet College.
M. S. Abdul Aziz, The King's Regiment, Quetta.
M. Syed Imam Ali, Mission Road, Quetta.
M. Sher Mohamed, Urdu Instructor, Cadet College.
M. Sita Ram Mehta, Babu Muhalla, near Arya Samaj, Quetta.
M. Jawala Prashad, Urdu Instructor, Cadet College, Quetta.
*M. S. Barkat Ali, Urdu Instructor, Cadet College, Quetta.
M. Dittu Ram, Urdu Instructor, Cadet College, Quetta.
M. Syed Hadi Hussain, Urdu Instructor, Cadet College.
M. Syed Aulad Husain, Cadet College, Quetta.
M. Abdul Hakim Khan, Nishtar—Shair Manzil (M. W. S., Military District).
M. Jiya Lall, Cadet College, Quetta.
M. Ram Kishan, Cadet College, Quetta.
M. Haji Ahmad Fakhriey, Cadet College, Quetta.
M. Mohd. Sarwar Khan, Mirza, Persian Professor, Government High School, Quetta.

RAWALPINDI—
*M. Ghulam Mohy-ud-Din, Regimental Munshi, 2nd Battalion, North Staffordshire Regiment, Rawalpindi (winter only).
M. Ghulam Rasul, Sadar Bazar, Rawalpindi.
M. Bodh Raj, Regimental Munshi (winter only).
†M. Fazl Elahi, C/o Ellahi Buksh & Co., Polo Sports Works, near Massy Gate, Rawalpindi.
M. Mohd. Abdul Khaliq, C/o Munshi Ali Ahmad, Butcher's Street, Sadar Bazar, Rawalpindi.
M. Amir Bukhsh Gyani, M. F., Professor of Oriental Languages, Ihata Sultan, Rawalpindi City.

RISALPUR.—M. Kazi Abdul Haqq Khan, Regimental Munshi, Royal Flying Corps, Risalpur Cantonment.

ROORKEE CITY.—M. Fazl-i-Haq, Muhalla Satti, Roorkee City

ROHTAK.—
M. Mohammad Akeeluddin, Fort, Rohtak.
M. Abrar Ali, Junior English Teacher, Government High School, Rohtak.

SAUGOR—M. Rameshwar Dayal, Officers' Munshi, Sadar Bazar, Saugor, C. P.

SIALKOT—
M. Abdul Hamid Khan, Officers' Munshi, Mori Gate, New Street, Sialkot.
M. Ghulam Rasul Syed, Raja Street, Sialkot.

SIMLA.—M. Abdul Latif, Urdu Instructor, C/o M. Mohamed Buksh Sahib, Pleader, Lower Bazar.

SUBATHU—
M. Amar Nath Varma, Officers' School of Instruction, Subathu.
M. Anand Swarup, Officers' School of Instruction, Subathu.
M. Md. Khalil-ur-Rahman, Officers' School of Instruction, Subathu.
M. Md. Miyan Khan Haidari, Officers' School of Instruction, Subathu.
*M. Habib Ullah, Syed, Officers' School of Instruction, Subathu.
M. Mool Chand Saihgal, Officers' School of Instruction, Subathu.

WELLINGTON—
M. Syed Khurshed Ali, Urdu Instructor, Cadet College, Wellington
M. Abdul Majid Sharif Quraishi, Munshi, Cadet College.
S. Aftab Ali, Munshi, Wellington Market Post Office, Victoria Villa

Qualified Bengali Teachers.

CALCUTTA.—Babu Suresh Chandra Chatterjee, 6, Muktaram Row, Calcutta.
RUNGPUR.—Babu Mukunda Lal Das Gupta, Kakina, District Rungpur.

Qualified Canarese Teacher.

BANGALORE.—M. R. Ry. K. Hanumantha Rao, No. 1, Main Road, Seshadripuram, Bangalore.

Qualified Malayalam Teachers.

ADICHANALLORE.—M. R. Ry. N. Sankara Pillai, First Assistant, H. G. E. School, Adichanallore.
KOTTAYAM.—M. R. Ry. A. I. Pothen, Malayalam Munshi, Basel Mission High School, Kottayam.

Qualified Marathi Teachers.

EAST KHANDESH.—Mr. Laxman Narayan Phandis, B.A., C/o Mr. M. N. Phandis, Editor, Kavya Ratnawali Jalgaon.

POONA CITY—
Mr. Govind Krishna Modak, Sanskrit Teacher, New English School, Poona City.
Mr. D. K. Pathak, 442, Sadashiv Peth, Poona City.
Mr. V. L. Deshpande, 641, Budhwar Peth, Poona City.

RATNAGIRI.—M. Waman Vishnu Vaidya, C/o Mr. R. K. Bal, B.A., LL.B., Sub-Judge, Malwan, District Ratnagiri.
SHOLAPUR.—Mr. Vishnu Anant Salgarkar, C/o Mr. Harichand Amichand Shah, Sholapur.

Qualified Punjabi Teacher.

LAHORE.—M. Muhammad Zafar Ali, Student, Forman Christian College, Lahore.

Qualified Tamil Teachers.

MADRAS—
M. R. Ry. K. Raghavachari, Senior Tamil Pandit, Wesley College, Royapettah.
M. R. Ry. A. M. Satakoparamanuja Acharya, Senior Tamil Pandit, National High School, Teppakulam. Trichinopoly.

Qualified Telugu Teachers.

GODAVARI.—M. R. Ry. V. Subba Rao, Stewartpetta, Pithapuram, Godavari District.
NELLORE.—K. Subrahmanya Sarma, Telugu Pandit, A. B. M. Girls' High School, Nellore.

N.B.—Whenever any teacher changes his address, he is requested to communicate his new address to the Board of Examiners.

Teachers whose names are preceded by an asterisk (*) are considered especially competent to give advanced instruction in the language.

Teachers whose names are preceded by a cross (†) are out of India.

CALCUTTA,
The 23rd December 1919.

C. L. PEART, MAJOR,
Secretary and Member, Board of Examiners.

IMPERIAL LIBRARY.

(Corner of Hare Street and Strand Road, Calcutta.)

Open on { Week-days and Saturdays, from 10 A.M. to 7 P.M.
Sundays and Holidays, from 2 P.M. to 5 P.M.

The Imperial Library is also a Lending Library. It is free to all except children. There is no subscription to pay.

J. A. CHAPMAN,
Librarian.

SULPHATE OF QUININE, SULPHATE OF CINCHONIDINE, CINCHONA FEBRIFUGE, RESIDUAL ALKALOID AND QUINOIDINE.

Manufactured at the Bengal Government Cinchona Plantation.

These articles are guaranteed to be free from wilful admixture with other Cinchona Alkaloids. QUININE can be purchased by Government officers, District and Local Boards for Hospitals and Dispensaries in the Provinces of Bengal, Bihar, Punjab and Assam on indents duly countersigned by the Civil Surgeon of their Districts. It can also be purchased by Missionaries for *bonâ fide* public purposes. It is never sold to private persons or firms. CINCHONA FEBRIFUGE both in powder and 3½ grain tablet forms and CINCHONIDINE can be purchased by Government officers and the general public. It is also sold by the Principal Druggists in Calcutta. QUINOIDINE or *Pure Amorphous Alkaloid* and *Residual Alkaloid* or *Amorphous Cinchona Alkaloid*, which contains about 40 per cent. of *Pure Amorphous Alkaloid*, are for sale to Missionaries and Government Institutions only. *These drugs are sold strictly cash and in advance but private purchasers may use the V. P. P. system*, and are obtainable from the SUPERINTENDENT, JUVENILE JAIL, ALIPORE.

The rates for these drugs from 16th May 1919 are as follows:—

SULPHATE OF QUININE.

For quantities 60 lbs. and above in one delivery	Rs. 24 per lb.
For quantities of not less than 6 lbs. but below 60 lbs. in one delivery	,, 25 ,,
For any quantity less than 6 lbs.	,, 26 ,,

SULPHATE OF CINCHONIDINE.

For quantities of not less than 6 lbs. in one delivery	Rs. 11 per lb.
For any quantity less than 6 lbs. (Only small quantities available when in stock.)	,, 12 ,,

CINCHONA FEBRIFUGE.

For quantities of not less than 6 lbs. in one delivery	Rs. 5 per lb.
For quantities less than 6 lbs. (when in stock)	,, 6 ,,

CINCHONA FEBRIFUGE TABLETS.

For quantities of not less than 6 lbs. in one delivery	Rs. 6 per lb.
For any quantity less than 6 lbs. (when in stock)	,, 7 ,,
QUINOIDINE in non Tablet form (when in stock) and Residual Alkaloids.	,, 4 ,,

QUINOIDINE TABLETS.

For quantities of not less than 6 lbs. in one delivery	Rs. 6 per lb.
For quantities less than 6 lbs. in one delivery (when in stock)	,, 7 ,,

Quinine is available in 1-oz., ¼-lb., ½-lb., 1-lb., 4-lb., and 6¼-lb. tins.
Cinchonidine is available in ¼-lb., ½-lb. and 1-lb. boxes.
Cinchona Febrifuge is available in ¼-lb., ½-lb. and 1-lb. boxes.
Residual Alkaloid is available in 1-lb., 5-lb. and 10-lb. boxes.
Quinoidine is available in 1-lb. box.
Quinoidine Tablets are available in 1-lb. box.

Transit charges are in addition to the above prices in every case.

Local sale at the Jail gate from 7 to 10 A.M. and 2 to 4 P.M.

Drugs are sold for cash or by V. P. Post. Price of Postage must accompany the price of the drug (when the drug is required by Post). The name of the Railway and Steamer Station or Post Office must be written distinctly when the parcels are required by Rail Steamer or by Post. A scale of Postage is given below:—

[For ¼ lb. 4 As.; ½ lb. 5 As.; 1 lb. 8 As.; 1½ lb. 11 As.; 2 lbs. 14 As.; 2½ lbs. Re. 1 Anna 1; 3 lbs. Re. 1 Anna 1; 3½ lbs. Re. 1 As. 4; 4 lbs. Re. 1 As. 7; 4½ lbs. Re. 1 As. 10; 5 lbs. Re. 1 As. 13; 6 lbs. Rs. 2; 6½ lbs. Rs. 2 As. 3.]

	Rs.	A.	P.
Quinoidine tab: 1 lb. Weg. 3 lbs. Postage	1	1	0
Quinoidine tab: 2 lbs. Weg. 6 lbs. Postage	2	0	0
Quinoidine tab: 3 lbs. Weg. 9 lbs. Postage	3	0	0

N.B.—Postage stamps are not accepted as revenue.

DEPARTMENT OF ISSUE OF PAPER CURRENCY.

Calcutta, the 30th December 1919.

Abstract of the accounts of the Department of Issue of Paper Currency on the 22nd December 1919.

	Total amount of notes in circulation.			Reserve.													
				Coin and Bullion.										Securities (Purchase Price).			
				In India.			In England.		In His Majesty's Dominions.	In transit between India, England, and His Majesty's Dominions.		In the U. S. A. and in transit therefrom.				Total.	Remarks.
	In Reserve Treasuries.	Elsewhere.	Total.	Silver Coin.	Gold Coin and Bullion.	Silver Bullion under coinage.	Gold Coin and Bullion.	Silver Bullion.	Gold Coin and Bullion.	Gold Coin and Bullion.	Silver Bullion.	Silver Bullion.	Gold Coin and Bullion.	Held in India.	Held in England.		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
	R		R	R	R	R	R	R	R	R	R	R	R	R (a)	R (b) (c)	R	
Calcutta	29,43,500	54,78,64,266	55,08,07,766	6,94,47,335	6,09,60,128	13,22,41,343	2,09,00,000	...	...	4,89,31,890	...	...	92,00,000	17,02,99,946	82,40,87,556	1,33,69,68,198	(a) Nominal value—R10,20,81,500 of rupee paper & R7,40,00,000 Indian Treasury Bills. (b) Nominal value—R83,95,95,001. (c) Includes Treasury Bills purchased under section 3, Act XI of 1917, as amended by Act VI of 1918 and Act II of 1919.
Cawnpore		9,91,84,633	9,91,84,633	5,28,40,735	47,73,330							...	...			5,76,14,065	
Lahore	...	11,92,93,222	11,92,93,222	2,24,31,576	1,80,04,559	...	...	...	...	...		...	...			4,04,36,135	
Bombay	4,675	56,03,65,687	56,03,70,362	10,70,03,483	20,49,21,086	98,78,998	...	...	...	...		...	...			32,18,03,567	
Karachi		7,39,21,482	7,39,21,482	1,01,26,185	21,52,658	...		...	...	...		...	...			1,22,78,843	
Madras	23,13,095	23,75,13,207	23,98,26,302	2,60,11,205	46,49,422	...	...	...	...		...	...	...			3,06,60,627	
Rangoon	...	18,49,81,388	18,49,81,388	1,54,43,590	36,09,600				...	...		...	...			1,90,53,190	
	52,61,270	1,82,31,23,885	1,82,83,85,155	30,33,04,109	29,90,70,783	14,21,20,341	2,09,00,000	...	...	4,89,31,890	...	...	92,00,000	17,02,99,946	82,40,87,556	1,81,88,14,625	
Deduct—Withdrawn from circulation by Foreign Circles and in course of remittance to Circles of Issue			95,70,530	*Deduct*—Amount due on T. Ts. drawn by one Circle on another												...	
Total Circulation			1,81,88,14,625											Total Reserve		1,81,88,14,625	

There was no transfer between the Paper Currency Reserve and the Indian branch of the Gold Standard Reserve during the week ending 22nd December 1919.
There was no gold in the Indian branch of the Gold Standard Reserve on the 22nd December 1919.

W. ALDER,
Offg. Controller of Currency.

THOMASON CIVIL ENGINEERING COLLEGE, ROORKEE.

NOTIFICATION.

Roorkee, the 21st March 1917.

A Registry Office for men of the undermentioned grades is kept up by the Principal, Thomason College, Roorkee. Officers and employers of labour requiring men are requested to apply to the Principal:—

1. Engineers.
2. Overseers.
3. Sub-Overseers.
4. Draftsmen and Sub-Surveyors.
5. Tracers.
6. Men trained in—
   (a) Photo-Mechanical and Lithographic Work.
   (b) Workshops (both Electrical and Mechanical sides).

W. G. WOOD,
Principal, Thomason College, Roorkee.

DEPARTMENT OF MINES IN INDIA, DHANBAD P. O., MANBHUM.

Indian Mines Act, 1901.

NOTICE.

An examination for First Class Coal Mine Managers' Certificates of Competency under the rules applicable to coal mines will be held on the 16th, 17th and 18th February 1920. An examination for Second Class Coal Mine Managers' Certificates of Competency will be held on the 23rd, 24th and 25th February 1920. Both examinations will be held at the Railway Institute, Dhanbad.

Rules 32 and 33 of the Indian Mines Act, 1901, require that a candidate for a first class certificate must be at least 23 years of age and have had at least five years' practical experience in a coal mine, and for a second class certificate be at least 21 years of age and have had at least three years' practical experience in a coal mine. The periods of practical experience may be reduced to three years and one year respectively, in the case of a candidate who has received a diploma in scientific and mining subjects after a course of study of at least two years at an educational institution approved in this behalf by the Governor-General in Council, or who has taken a degree in scientific and mining subjects at a University approved in this behalf by the Governor-General in Council.

The fees are Rs. 15 in the case of first class certificates and Rs. 8 in the case of second class certificates. By rule 34 of Government of India, Department of Commerce and Industry, Notification No. 2968—82, dated the 21st April 1906, "these fees shall be paid, not less than one month prior to the date of the examination, to the Chief Inspector of Mines at his office." The fees may be remitted by money order or paid in any other manner.

Applications and fees should be addressed to the Chief Inspector of Mines in India, Dhanbad P.O., E. I. Railway, and not to any Officer by name. No candidate will be permitted to sit at the examination unless his application, supported by original certificates as to experience and character, and fee, is received, in the case of a candidate for the first class certificate examination on or before the 15th January 1920, and, in the case of a candidate for the second class certificate examination on or before the 22nd January 1920. Candidates are advised to send all papers under registered cover.

G. F. ADAMS,
Chief Inspector of Mines in India,
and *ex-officio* President of the Board of Examiners.

DHANBAD,
The 13th October 1919.

BANK OF BENGAL.

Statement of the Affairs of the Bank of Bengal for the week ending 23rd December 1919.

LIABILITIES.	Rs.	A.	P.
Capital paid up	2,00,00,000	0	0
Reserve Fund (Rs. 1,94,00,000 A. 0 P. 0)			
Transfer to Special Reserve Fund for Depreciation of Investments, *see below* (25,00,000 0 0)	1,69,00,000	0	0
Reserve for Depreciation of Investments	25,00,000	0	0
Public Deposits at Head Office (Rs. 2,92,94,234 A. 3 P. 3)			
Public Deposits at Branches (Rs. 1,67,47,323 A. 9 P. 10)	4,60,41,557	13	1
Other Deposits at Head Office and Branches	31,13,57,255	5	3
Bank Post Bills, etc.	82,85,642	12	10
Sundries	47,67,488	12	7
RUPEES	40,98,51,944	11	9

ASSETS.	Rs.	A.	P.
Government Securities	7,19,52,845	0	0
Other authorized Investments	1,39,20,644	0	0
Loans on Government and other authorized Securities	13,21,66,233	6	1
Accounts of Credit on Government and other authorized Securities	5,75,35,972	13	2
Bills discounted and purchased	2,56,73,667	6	6
Balances with other Banks	40,22,354	10	5
Bullion	...		
Dead Stock	29,24,108	0	3
Stamps	13,991	14	2
Sundries	4,26,122	11	3
	30,86,35,939	13	10
Cash and Currency Notes at Head Office* (Rs. 3,71,44,440 A. 3 P. 0)			
Cash and Currency Notes at Branches† (Rs. 6,40,71,564 A. 10 P. 11)	10,12,16,004	13	11
RUPEES	40,98,51,944	11	9

* Includes Sovs. and ½ Sovs., value Rs. 3,85,147 8 0
† Do. do. do. „ 5,17,200 0 0

Rs. 9,02,347 8 0

By the order of the Directors,

BANK OF BENGAL:
Calcutta, 30th December 1919.

C. M. TALLACK,
Chief Accountant.

N. H. Y. WARREN,
Secretary and Treasurer.

Rate for Demand Loans 5 per cent.
Percentage 27·32.

BANK OF BENGAL.

NOTICE.

Calcutta, the 23rd December 1919.

The Directors have made the following changes in the Bank's European Establishment :—

Mr. S. B. W. Futcher to act as Agent at Akyab Branch, as from 6th December 1919, *vice* Mr. S. Lees granted leave.

Mr. G. A. Tayler to be Agent at Chittagong Branch, as from 20th December 1919, *vice* Mr. G. F. Hand transferred to Head Office.

By order of the Directors,
N. H. Y. WARREN,
Secretary & Treasurer.

GOVERNMENT OF BURMA.
Development Department.

NOTIFICATIONS.

Maymyo, the 15th October 1919.

In exercise of the power conferred by sub-section (7) of section 4 of the Indian Non-ferrous Metal Industry Act, 1918 (XVII of 1918), the Lieutenant-Governor is pleased to notify that a license has been granted under sub-section (3) of that section to the under-mentioned to carry on the business of winning, extracting, smelting, dressing, refining or dealing by way of wholesale trade in metal or metallic ore to which the said Act applies in accordance with the provisions of the said Act :—

Serial No. of License.	Name of applicant.
9	Maung Pe Thaik of Mergui.
10	Mr. E. Ahmed of Mergui.
11	Messrs. H. V. Low and Company, Limited, Rangoon.

Rangoon, the 5th December 1919.

No. 41.—In exercise of the power conferred by sub-section (7) of section 4 of the Indian Non-ferrous Metal Industry Act, 1918 (XVII of 1918), the Lieutenant-Governor is pleased to notify that a license has been granted under sub-section (3) of that section to the under-mentioned to carry on the business of winning, extracting, smelting, dressing, refining or dealing by way of wholesale trade in metal or metallic ore to which the said Act applies, in accordance with the provisions of the said Act :—

Serial No. of License.	Name of applicant.
8	Mr. S. Crawshaw, M. I. M. E.

By order,
F. LEWISOHN,
Revenue Secretary to the Government of Burma.

NORTH WESTERN RAILWAY.

NOTIFICATIONS.

Lahore, the 22nd December 1919.

No. 53.—Mr. G. Burlingham, Superintendent, Telegraphs, North Western and Oudh and Rohilkhand Railways, is granted under Articles 233, 246, 260 and 308 (*b*), Civil Service Regulations, and Government of India, Finance Department, letter No. 168-C. S. R., dated the 24th February 1919, combined leave for ten months, *viz.*, privilege leave due and furlough for the remaining period, with effect from the 2nd January 1920 or the subsequent date of relief.

No. 54.—Mr. A. I. Sleigh, Executive Engineer, Superintendent, Kalka Simla Railway, is granted under Articles 233, 246, 260 and 308 of the Civil Service Regulations, and Government of India, Finance Department, letter No. 168-C. S. R., dated the 24th February 1919, combined leave for 10 months, *viz.*, privilege leave for 6 months and furlough for the remaining period, with effect from the 2nd January 1920.

No. 55.—Mr. A. Mort, Mining Manager, is granted under Articles 233, 246, 260 and 308 of the Civil Service Regulations, and Government of India, Finance Department, letter No. 168-C. S. R., dated the 24th February 1919, combined leave for one year, *viz.*, privilege leave for 2 months and 8 days and furlough for the remaining period, with effect from the 2nd January 1920 or the subsequent date of relief.

S. P. FLOWERDEW,
for Agent.

ORDERS BY THE HON'BLE THE CHIEF COMMISSIONER OF AJMER-MERWARA IN THE PUBLIC WORKS DEPARTMENT.

Agra-Karachi Railway Survey.

NOTIFICATION.

Camp Ajmer, the 26th December 1919.

No. 1815-*C.S.*—Whereas it appears to the Hon'ble the Chief Commissioner, Ajmer-Merwara, that the preliminary surveys of lines (1) for a broad gauge line from Balotra *viâ* Jodhpur, Beawar, Shahpura and Bundi to Kotah on the Bombay, Baroda and Central India Railway excluding such portions between Balotra and Beawar as may already have been surveyed in connection with the Agra-Karachi Survey operations of last working season, and (2) for a broad gauge line from Beawar through Tonk to join the line surveyed last year to Gangapur, in the neighbourhood of Nawai, are going to be made in the following villages in the District of Ajmer-Merwara and land is likely to be needed for the public purpose, in accordance therefore with section 4 of the Land Acquisition Act, 1894, it is hereby notified for the information of the public that it shall be lawful for any officer either generally or specially authorised by Government in this behalf and for his servants and workmen :—

To enter upon the survey and take levels of any land in such locality ;

To dig or bore into the subsoil ;

To do all other acts necessary to ascertain whether the land is adapted for such purpose ;

To set out the boundaries, of the land proposed to be taken and the intended line of the work (if any) proposed to be made thereon ;

To mark such levels, boundaries, and line by placing marks and cutting trenches ;

And where otherwise the survey cannot be completed and the levels taken and the boundaries and line marked, to cut down and clear away any part of any standing crop, fence or jungle ;

Provided that no person shall enter into any building or upon any enclosed court or garden attached to a dwelling house (unless with the consent of the occupier thereof) without previously giving such occupier at least seven days' notice in writing of his intention to do so.

LIST OF VILLAGES FALLING IN THE BRITISH TERRITORY OF AJMER-MERWARA DISTRICT ON LINE (1) IN NOTIFICATION.

Beawar towards Jodhpur.

Beawar, Nundri, Fatehpur, Gondpur, Thikrana, Ratanpura, Termari, Duchta, Saradhna, Umarpura, Ealpura, Sabalpura, Kanotia, Sendra, Dholia, Kolabar and Piplia.

Beawar towards Shahpura and Kotah.

Beawar, Sedria, Nundri, Khusalpura, Malpura, Semlia, Ramgarh, Kaliabas, Rampura, Bhowanikhera, Baela, Mandera, Sheopura, Neagaon, Ratanpura, Rupaheli, Jewana, Dewas, Ramgarh, Dedpura, Topan-ka-Khera, Gujarkhera, Jhuthan-ki-Bari, Kashipura, Mata-ka-Khera, Hanwatia, Bhaironkhera, Salarmalar, Khuntian, Jalia, Khera, Asan and Parl.

LIST OF VILLAGES FALLING IN THE BRITISH TERRITORY OF AJMER-MERWARA DISTRICT ON LINE (2) IN NOTIFICATION.

Beawar towards Jodhpur.

Same as in (1).

Beawar towards Tonk and Nawai.

Beawar, Narsingpura, Gadi, Sahispura, Lasaria, Neagaon, Pakriawas, Khempura, Dholadanta, Bhawanikhera, Masuda, Khera, Rutanpura, Beglias, Jipia, Polakakhera, Deopura, Rampura, Ruppura, Bandarwara, Surajpura, Kitop, Kalianipura, Tantuti, Jaswantpura, Bhawanipura, Bhagwanpura, Chandma, Samel, Jaola, Surajpura, Banthi, Goela and Sanodia.

By order,

W. E. G. BELCHER,

Secretary to the Hon'ble the Chief Commissioner, Ajmer-Merwara, in the P. W. D.

MILITARY ACCOUNTS DEPARTMENT.

NOTIFICATIONS.

Delhi, the 27th December 1919.

No. 1043-*An*.—Major A. G. Murray, I.A., Military Accountant, 4th class, has been granted by the Right Hon'ble the Secretary of State for India, leave for 6th months in extension of the leave granted to him in Military Accounts Department Notification No. 195-G., dated the 14th May 1919.

No. 1045-*An*.—Major H. R. Hardinge Military Accountant, 3rd class, is granted leave for 11 days in extension of the leave granted to him in Military Accounts Department Notification No. 52-G., and 2282-An., dated the 3rd May and 9th September 1919, respectively.

No. 1046-*An*.—Lieutenant T. S. Gorman, Royal Field Artillery, attached to the office of the Field Controller of Military Accounts, Poona, was granted privilege leave for 7 days in extension of the leave granted to him in Military Accounts Department Notification No. 735-An., dated the 11th December 1919.

B. N. MITRA,

Military Accountant General.

CHIEF COMMISSIONER, DELHI.

NOTIFICATION.

Delhi, the 18th December 1919.

No. 7611-*C. & I.*—The following amendments, which it is proposed to make in the rules made under section 9 of the Indian Petroleum Act, 1899, and issued in Punjab Government Notification No. 90, dated the 15th February 1909, as applied to the Delhi Province, are published for criticism. The amendments will be taken into consideration on or after the 20th January 1920, together with any remarks or suggestions received on or before that date :—

AMENDMENTS IN THE PETROLEUM RULES.

(1) In rule 2, Chapter V, Part II of the said rules, the words "otherwise than in bulk" shall be omitted.

(2) In rule 6, Chapter V, Part II of the said rules, the words "other than in bulk" shall be omitted.

(3) In Form H—

(*a*) the words "otherwise than in bulk," wherever they occur, shall be omitted; and

(*b*) in condition 1 of the conditions attached to the Form, after the words "The petroleum" the words "if not in bulk" shall be inserted.

(4) In Form I—

(*a*) for the words "$\frac{\text{otherwise than in bulk}}{\text{in bulk or otherwise than in bulk}}$" the words "in bulk or otherwise than in bulk" shall be substituted; and

(*b*) in condition 1 of sub-head I of the conditions attached to the Form, after the words "The petroleum" the words "if not in bulk" shall be inserted.

(5) In Form I-A for the words "$\frac{\text{in bulk or otherwise than in bulk}}{\text{otherwise than in bulk}}$," wherever they occur, the words "in bulk or otherwise than in bulk" shall be substituted.

(6) In Form K—

(*a*) the words "cases or packages containing in all" shall be enclosed in brackets and an asterisk placed before the opening bracket; and the following marginal reference shall be inserted, namely:

"To * be omitted when petroleum is transported in bulk," and

(*b*) in condition 1 of the conditions attached to the Form, after the words "The petroleum" the words "if not in bulk" shall be inserted.

C. A. BARRON,

Chief Commissioner, Delhi.

THE AGENT TO THE GOVERNOR-GENERAL IN CENTRAL INDIA.

NOTIFICATION.

Central India Agency, Indore, the 26th December 1919.

No. 4494-*D*.—The Reverend E. R. Clough, assumed charge of the office of the Chaplain of Mhow on the afternoon of the 18th December 1919, *vice*, the Reverend Mr. K. C. Horwood, proceeded on leave.

By order,

E. J. D. COLVIN, MAJOR,
First Assistant to the Agent to the Governor-General in Central India.

ORDERS BY THE HON'BLE THE CHIEF COMMISSIONER, AJMER-MERWARA.

NOTIFICATIONS.

Udaipur, the 18th December 1919.

No. 2192-*C*.—1093.—The following draft of a Notification which it is proposed to issue in exercise of the powers conferred by section 9 of the Indian Petroleum Act, 1899 (VIII of 1899), is published for the information of all persons likely to be affected thereby, and notice is hereby given that the said draft will be taken into consideration by the Hon'ble the Chief Commissioner on or after the 15th February 1920.

2. Any objection or suggestion which may be received from any person with respect to the draft before the date aforesaid will be considered by the Hon'ble the Chief Commissioner.

Draft Notification.

In exercise of the powers conferred by section 9 of the Indian Petroleum Act, 1899 (VIII of 1899), and with the previous sanction of the Governor-General in Council, the Hon'ble the Chief Commissioner is pleased to make the following amendments in the Ajmer-Merwara Petroleum Rules issued in this office Notification No. 1530-1093, dated the 14th October 1909 :—

(1) In rule 2, Chapter V, Part II of the said rules, the words "otherwise than in bulk" shall be omitted.

(2) In rule 6, Chapter V, Part II of the said rules, the words "other than in bulk" shall be omitted.

(3) In Form H—

(*a*) the words "otherwise than in bulk," wherever they occur, shall be omitted; and

(*b*) in condition 1 of the conditions attached to the Form, after the words "The petroleum" the words "if not in bulk" shall be inserted.

(4) In Form I—

(*a*) for the words "$\frac{\text{otherwise than in bulk}}{\text{in bulk or otherwise than in bulk}}$" the words "in bulk or otherwise than in bulk" shall be substituted; and

(*b*) in condition 1 of sub-head I of the conditions attached to the Form, after the words "The petroleum" the words "if not in bulk" shall be inserted.

(5) In Form I-A for the words "$\frac{\text{in bulk or otherwise than in bulk}}{\text{otherwise than in bulk}}$" wherever they occur the words "in bulk or otherwise than in bulk" shall be substituted.

(6) In Form K—

(*a*) the words "cases or packages containing in all" shall be enclosed in brackets, and an asterisk placed before the opening bracket; and the following marginal reference shall be inserted, namely :—

"To be omitted when petroleum is transported in bulk"

and

(*b*) in condition 1 of the conditions attached to the Form, after the words "The petroleum" the words "if not in bulk" shall be inserted.

Camp Ajmer, the 26th December 1919.

No. 2263-*C*.—5.—In accordance with the provisions of section 25 of the Ajmer Municipalities Regulation (V of 1886) the Hon'ble the Chief Commissioner is pleased to notify that at a bye-election held on the 27th November 1919, Pandit Upendra Nath Kaushik was elected as a Member of the Beawar Municipal Committee, *vice* Mr. Bhagwan Das Ahuja, resigned.

Camp Ajmer, the 27th December 1919.

No. 2278-C—1147.—Privilege leave for 37 days is granted to Munshi Har Bilas Sarda, Sub-Judge, Beawar, with effect from the 2nd January 1920 or such subsequent date as he may avail himself of it, and Mr. Earch Shaw D. Mehta is appointed to officiate as Sub-Judge, Beawar, during the leave.

No. 2279-C—1147.—In exercise of the powers conferred on him by section 12 of the Provincial Small Cause Courts Act (IX of 1887) the Hon'ble the Chief Commissioner is pleased to appoint Munshi Shiv Raj to officiate as Registrar, Small Cause Court, Ajmer and to confer upon him, within the local limits of the jurisdiction of that Court, the jurisdiction of a Judge of the Court of Small Causes for the trial of suits the value of which does not exceed Rs. 20, with effect from the date of assuming charge of the office of Registrar.

No. 2284-C-4.—In accordance with the provisions of section 25 of the Ajmer Municipalities Regulation, V of 1886, the Hon'ble the Chief Commissioner is pleased to notify the reappointment of Sub-Assistant Surgeon Bijey Narain as a nominated member of the Kekri Municipal Committee for a further period of 3 years with effect from the 30th November, 1919.

Camp Ajmer, the 29th December 1919.

No. 2311-C-269.—In exercise of the powers vested in him by section 12 of the Code of Criminal Procedure (Act V of 1898) the Hon'ble the Chief Commissioner is pleased to appoint Mr. Gaffar Husein A. Saiyad, M. A., LL.B., Assistant Master, Mayo College, Ajmer, to be an honorary magistrate and to invest him with the ordinary powers of a magistrate of the 2nd class to be exercised in regard to cases generally within the Municipal limits of the city of Ajmer, for a period of three years.

2. The Hon'ble the Chief Commissioner is also pleased to direct that the name of Mr. Gaffar Husein be included in the list of the Honorary Magistrates published in this office notification No. 236, dated the 16th February 1909, under sections 15 and 261 of the Code of Criminal Procedure, 1898 (Act V of 1898).

By order,

R. R. MACONACHIE,

First Assistant to the Hon'ble the Chief Commissioner of Ajmer-Merwara.

SURVEY OF INDIA—TRIGONOMETRICAL SURVEY OFFICE.

NOTIFICATION.

Dehra Dun, the 23rd December 1919.

No. 153.—Mr. R. P. Ray, B.A., Extra Assistant Superintendent, Survey of India, is granted privilege leave for one month from 23rd December 1919, in continuation of that granted to him in Notification No. 152, dated 5th November 1919.

G. P. LENOX-CONYNGHAM, Colonel, R.E.,

Superintendent, Trigonometrical Survey.

ROYAL INDIAN MARINE.

NOTIFICATION.

FURLOUGH AND LEAVE.

Bombay, the 23rd December 1919.

No. 50.—The undermentioned officer is granted combined leave out of India with effect from the date and for the period specified against his name.

Engineer-Lieutenant-Commander J. S. Page, R.I.M., 60 days' special war leave combined with 8 months' leave on private affairs, with effect from 20th May 1919.

N. F. J. WILSON,

Director, Royal Indian Marine.

IN THE CHIEF COURT OF LOWER BURMA.

Insolvency Jurisdiction.

CASE No. 21 OF 1919.

Rangoon, the December 1919.

In the matter of Chidambra Achary, Native Doctor of No. 14, 60th Street, Rangoon.

Notice is hereby given that the order of this Court adjudging the said Chidambra Achary, an insolvent, pursuant to the provisions of the Presidency-Towns Insolvency Act, 1909, was annulled by an order made on the 5th day of December 1919.

CASE No. 139 OF 1919.

Rangoon, the 18th December 1919.

In the matter of Gulam Jailanee, Insolvent.

Notice is hereby given that on a petition for the benefit of the Presidency-Towns Insolvency Act, 1909, presented by Gulam Jailanee, carpenter, of No. 31, 32, Barr Street, Rangoon, on the 12th day of December 1919, an order of adjudication of insolvency was made by the Chief Court of Lower Burma on the same day against the said Gulam Jailanee.

CASE No. 140 OF 1919.

Rangoon, the 18th December 1919.

In the matter of Hajee Moosa Hajee Abdulla, Insolvent.

Notice is hereby given that on a petition for the benefit of the Presidency-Towns Insolvency Act, 1909, presented by Hajee Moosa Hajee Abdulla, merchant, residing at No. 71 and 72, Fraser Street, Rangoon, on the 16th day of December 1919, an order of adjudication of insolvency was made by the Chief Court of Lower Burma on the same day against the said Hajee Moosa Hajee Abdulla.

CASE No. 141 OF 1919.

Rangoon, the 22nd December 1919.

In the matter of Maung Ba Gyi, Insolvent.

Notice is hereby given that on a petition for the benefit of the Presidency-Towns Insolvency Act, 1909, presented by Maung Ba Gyi, clerk, Messrs. Finlay Fleming & Co., Rangoon, on the 18th day of December 1919, an order of adjudication of insolvency was made by the Chief Court of Lower Burma on the same day against the said Maung Ba Gyi.

CASE No. 142 OF 1919.

Rangoon, the 22nd December 1919.

In the matter of Mohamed Afzal Khan, Insolvent.

Notice is hereby given that on a petition for the benefit of the Presidency-Towns Insolvency Act, 1909, presented by Mohamed Afzal Khan, Contractor of Dhoby Line, Rangoon, on the 10th day of December 1919, an order of adjudication of insolvency was made by the Chief Court of Lower Burma on the 19th day of December 1919, against the said Mohamed Afzal Khan.

CASE No. 108 OF 1919.

Rangoon, the 23rd December 1919.

In the matter of K. V. Subramonia Iyer, No. 11, 126th Street, Rangoon.

Notice is hereby given that the order of this Court adjudging the said K. V. Subramonia Iyer, an insolvent pursuant to the provisions of the Presidency-Towns Insolvency Act, 1909, was annulled by an order made on the 16th day of December 1919.

E. W. W. XAVIER,

Offg. Registrar.

IN THE COURT OF SMALL CAUSES AT DELHI.

INSOLVENCY JURISDICTION.

The 23rd December 1919.

Notice is hereby given under section 16 (7) of the Provincial Insolvency Act (III of 1907) that the undermentioned persons were adjudged insolvents by this Court on the date mentioned in column 4, creditors are hereby required to prove their debts as soon as possible.

1	2	3	4
Number of the case.	NAME, PARENTAGE, OCCUPATION, AND PLACE OF RESIDENCE OF THE		Dates on which the petitioners were adjudged insolvents.
	Petitioners.	Creditors.	
15	Munshi Ram, son of Bichha Ram, caste Mahajan, of Gali Bahooji, Delhi, Insolvent.	Ram Lal, son of Ugar Sain, caste Brahman, of Delhi, and 6 other creditors.	19th December 1919.
16	Qutbuddin, son of Nizamuddin, caste Pathan, of Qassabpoora, Delhi, Insolvent.	Ratan Lal, of Delhi, and 3 other creditors.	Ditto.

The 23rd December 1919.

Notice is hereby given under section 12 (2) of Act III of 1907 that the undermentioned persons have applied to this Court to be adjudicated insolvents, and that their applications having been admitted will be heard on the dates specified in column 4 of the statement below.

Any creditors wishing to oppose the same may appear on the date fixed, either in person or by pleader.

1	2	3	4
Number of the case.	NAME, PARENTAGE, OCCUPATION AND PLACE OF RESIDENCE OF THE		Date fixed for hearing the application.
	Petitioners.	Creditors.	
20	Gulab, son of Ram Bakhsh, caste Mali, of Delhi, Insolvent.	Banarsi Das, son of Chhoha Mal, of Delhi, and 16 other creditors.	9th January 1920.
21	Dalia Mal, son of Maya Ram, caste Waish, of Bara Hindoo Rai, Delhi, Insolvent.	Firm Joti Pershad Mithan Lal, Kharibawli, Delhi, and 7 other creditors.	Ditto.

TOPAN RAM,

Judge, Insolvency Court, Delhi.

REPORT OF DESERTION.

Report of a Deserter or Absentee without leave from the 2nd Battalion Northumberland Fusiliers, of Private Tyrrell, F., dated at Sialkot, this 30th day of December 1919.

Number, Rank and Name—63211, Private Tyrrell, F.
Age—31 years, 6 months.
Height—5 feet, 4 inches.
Colour of—Complexion, fresh; hair, fair; eyes, blue.
Trade—Tailor.

Date of enlistment—28th December 1902.
Place of enlistment—Newry, Ireland.
Date of desertion or absence—19th December 1919.
Place of desertion or absence—Sialkot Military Prison Hospital ward.
Vaccination marks: 4 right arm, 3 left arm.
Under 17 years' service.

(Sd.) Illegible, Capt.,
for Staff Officer, Military Prison.

TREASURE TROVE.

NOTICE.

It is hereby notified under section 5 of Act VI of 1878, that the undermentioned treasure was found by Muthukrishna Kaliaran residing at Neiveli while removing earth on 11th March 1919 on the slope of the Sennikulam tank bund in Zamin Senniaviduthi village, Pattukottai Taluk, belonging to M. R. Ry. (1) S. S. A. S. Arunachekkam Chettiar and (2) S. S. A. S. Muthia Chettiar.

DESCRIPTION OF THE TREASURE.

Name.	Weight.		Value.		
	Md.	Srs.	Rs.	A.	P.
1. Amman	0	18	27	0	0
2. Sulam	0	7	3	15	0
	...		30	15	0

All persons claiming the said treasure or part thereof are hereby required to appear personally or by agent before the Collector of Tanjore at his office on 19th May 1920 in view to the matter being enquired into and determined according to law.

TANJORE COLLECTOR'S OFFICE,
Dated the 24th December 1919.

J. R. HUGGINS,
Collector.

POSTS AND TELEGRAPHS.
(POST OFFICE.)

NOTIFICATION.

Calcutta, the 31st December 1919.

No. 2481-*Ap*.—Mr. K. Amirthalingam Pillai, Superintendent of post offices, 2nd grade, officiating in the 1st grade, is granted privilege leave for 3 months and 14 days from 4th December 1919 to 17th March 1920 inclusive and furlough in continuation thereof for 1 year and 29 days from 18th March 1920 to 15th April 1921.

Mr. M. A. Hamid Khan, Probationary Superintendent of post offices, Madras, is appointed to officiate as Superintendent of post offices, 5th grade, during the absence on combined leave of Mr. K. Amirthalingam Pillai, or until further orders.

G. R. CLARKE,
Director-General of Posts and Telegraphs.

POSTS AND TELEGRAPHS.
(TELEGRAPH ENGINEERING.)

NOTIFICATIONS.

Calcutta, the 31st December 1919.

No. 642-*F.A.*—Mr. T. P. D'Abreu, Deputy Superintendent, Engineering Officiating, is granted privilege leave for two months with effect from the 9th December 1919.

No. 645-*F.A.*—Mr. G. B. Power C.I.E., Superintendent, Telegraph Engineering, is granted privilege leave for two months and 20 days combined with furlough for 9 months and 11 days with effect from the 21st October 1919.

No. 654-*F. A.*—Mr. C. O. Shortt, Deputy Superintendent, Engineering Sub-*pro tem.*, is granted privilege leave for three months with effect from the 25th November 1919.

G. R. CLARKE,
Director-General of Posts and Telegraphs.

REGISTERED No. C. 696.

The Gazette of India.

PUBLISHED BY AUTHORITY.

CALCUTTA, SATURDAY, JANUARY 10, 1920.

☞ Separate paging is given to this Part in order that it may be filed as a separate compilation.

PART II.

Notifications by High Court, Comptroller-General, etc.

GAZETTE OF INDIA.

NOTICE.

The 8th November 1919.

On and after 15th November and until further notice, Parts I, IV, V and VI of the *Gazette of India* and the Weather and Crop Report will be published in Delhi, Parts II and III will continue to be published in Calcutta. All notifications and other matter intended for publication in those Parts should be addressed to the Publisher at Delhi and Calcutta, respectively.

Attention is invited to the following Circular Memorandum of the Government of India, Home Department, of August 1901:—

"It has been brought to the notice of this Department that matter for the *Gazette of India* is sometimes sent to the Press late on Friday evenings for publication in the next day's *Gazette* and that this involves considerable inconvenience to the Press and expense to Government. In the Circular Memorandum of this Department, No. 777—79, dated 9th February 1870, the Government of India directed that all notifications or other matter intended for insertion in the *Gazette of India* should be delivered at the Press not later than 2 P.M. on Friday, and that any papers sent thereafter must be certified to be extremely urgent in order to ensure their appearance in the next day's *Gazette*. The undersigned is directed to request that these orders may be more strictly observed in future, and that Departments will refrain from sending to the Press as extremely urgent any papers which can without harm or inconvenience be held over for the next *Gazette*.

J. P. HEWETT,
Secretary to the Government of India."

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Subscription for *Gazette* and Supplement	15 0 0
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Applications for the supply of the *Gazette* on the *public service* should be addressed to the Department of the Government of India, Local Government, Head of Department or other officer empowered in this behalf to whom the applicant is subordinate.

Complaints regarding non-receipt of any number of the *Gazette* should be forwarded within a week after the date on which it is due.

J. J. MEIKLE,
Publisher, *Gazette of India*.

THE PATENT OFFICE

PATENTS and DESIGNS.

Calcutta, the 10th January 1920.

APPLICATIONS FOR PATENTS UNDER SECTION 8.

December 22.

5127. L. N. Flatt. *Improved tubular type of foundry ladle carrier, shank or bow.*
5128. T. Govindon. *High Monocycle.*
5129. A. C. Auden. *Improvements in the method of extracting potash from potash bearing minerals and the manufacture of the residual products of such method of conversion into cement.*
5130. A. J. Mainwaring. *Improvements in and relating to safety razors and hair cutting appliances.*
5131. F. L. Rapson. *Improvements in or relating to hoods or covers for motor road and other vehicles.*
5132. S. D. Marr and R. D. Marr. *Improved construction of appliance for locking steering wheels or road motor vehicles.*
5133. H. P. Bray and H. A. Stenning. *Improvements in and relating to apparatus for connecting tubes to plates, headers or the like.*
5134. C. H. Rowe. *Improvements relating to the valves of automobile engines and the like.*
5135. Y. Hitaka. *Improvements in net-making machines.*
5136. Westlake-European Machine Co. *Improvement in blow pipe operating mechanism for glass forming apparatus.*
5137. Westlake-European Machine Co. *Improvements in or relating to gathering and cut off mechanisms for glass-blowing machines.*
5138. Westlake-European Machine Co. *Improvements in or relating to glass-blowing machines.*
5139. T. Wishart. *Improvements in connection with the handling and storing of sugar cane in sugar factories.*
5140. C. E. Jeffcock and W. H. Yardley. *Improvements in or relating to apparatus suitable for purifying or otherwise conditioning air or other gases and for other purposes.*

December 23.

5141. A. Jana. *Artificial stone.*
5142. F. L. Rapson. *Improvements in or relating to resilient wheels for vehicles.*
5143. G. G. Hepburn and Mather and Platt Ltd. *Improvements in bi-polar electrode electrolysers.*

January 2, 1920.

5144. Aktieselskapet Turbo-Separator. *Improvements in centrifugal separators.*
5145. Standard Cotton Co., of America. *Process and apparatus for treating immature or frost-beaten cotton bolls.*
5146. C. H. Bennett. *Improvements in gas mixers.*
5147. W. J. Walker. *Improvements in apparatus for soaking or similarly treating with liquid, leather or other goods.*
5148. The Universal Tool Coy., Incorporated. *Portable machine for reboring engine cylinder.*
5149. S. D. Master. *Cushion tire*
5150. S. D. Master. *Rotary engine.*
5151. S. D. Master. *Gun.*
5152. S. D. Master. *Tyres.*
5153. S. D. Master. *Tyres.*
5154. S. D. Master. *Tires and tire treads.*
5155. S. D. Master. *Horns.*
5156. S. D. Master. *Tidal energy.*
5157. S. D. Master. *Submersible ship.*
5158. S. D. Master. *Brakes.*
5159. J. F. Wells. *Improvements in and relating to gas producers.*
5160. J. F. Wells. *Improvements in connection with a process and apparatus for carbonising wood and other carbonaceous materials.*
5161. L. J. Stephenson. *Improvements in dynamo-electric mechinery.*
5162 L. W. Williams, O. R. Williams, and D. D. Williams. *Improvements in or relating to fish plates for railway and like purposes.*

5163. V. Angyal. *Improvements in and connected with musical instruments operated by percussion.*
5164. M. Conde. *Improved race game.*
5165. John Macdonald & Son Ltd., and J. B. Neesham. *Improvements in moulding machines.*
5166. Universal Oil Products Co. *Process of converting hydrocarbons.*
5167. I. Koechlin. *Improvements in tractor ploughs.*
5168. Sir C. A. Parsons. *Improvements in packing glands for rotating bodies.*
5169. Sir C. A. Parsons. *Improvements in the manufacture of blading for turbines.*
5170. E. Hee. *Improvements in multiple-share-ploughs.*
5171. H. L. Boyer. *Improvements in storage battery separators.*
5172. Aladdin Renew Electric Lamp Corporation Ltd. *Improvements in or relating to the renewal of incandescent electric lamps.*
5173. Aladdin Renew Electric Lamp Corporation Ltd. *Improvements in or relating to the renewal of incandescent electric lamps.*
5174. Southey Gas Products Ltd. *Improvements in apparatus for the production of gaseous fuel for internal combustion engines.*
5175. Westlake-European Machine Co. *Improvements in or relating to automatic valve mechanism for glass-blowing machines.*
5176. New Jersey Zinc Co. *Manufacture of zinc oxide.*
5177. New Jersey Zinc Co. *Production of metal oxides and other compounds of metals.*
5178. New Jersey Zinc Co. *Production of metal oxides and other compounds of metals.*
5179. R. W. Badock. *Process for treating rubber to retard the formation of mould.*
5180. W. R. Lascelles. *Improvements in or relating to axlebox covers for railway and tramway vehicles and the like.*
5181. Mulchand & Thakur Dass. *Jali.*

January 3.

5182. Dissolved Acetylene Company Ltd. *Improved method of and means for controlling the discharge of fluids under pressure.*
5183. Westlake-European Machine Co. *Improvements in or relating to air-controlling mechanism for glass-blowing machines.*
5184. J. Johannes. *Improvements in or relating to the manufacture of lac.*
5185. W. Russel and Minerals Separation Ltd. *Improvements in or relating to coal washing and apparatus therefor.*
5186. Minerals Separation Ltd. *Improvements in or relating to the treatment of materials containing coal.*
5187. T. Zweigbergk. *Improvements in or relating to electric-motor control-systems.*
5188. S. Ghatak. *Improved Dheki, Ukli, and Hamandista.*

APPLICATIONS ACCEPTED AND ADVERTISED UNDER SECTION 6.

Notice is hereby given that all persons interested in opposing the grant of a Patent on any one of the applications, referred to below, may, at any time within three months of the date of this *Gazette of India*, give notice at the Patent Office in the prescribed form No. 5 of such opposition.

Printed copies of the specifications in the following list will be on sale at the Patent Office, 1, Council House Street, Calcutta, within about three weeks.

Any one desiring a copy posted to an address in British India should send to the Patent Office the sum of annas eight by money-order on which the number of the application should be stated on the coupon at the foot of the order.

4863. S. A. Raghava Aiengar. *Improved cooker.*
5045. B. T. P. Parker. *Improvements in and in the production of pectous substances.*
5070. L. C. Harvey. *Improved metal melting furnace.*
5071. A. S. Gush. *Improved means for mounting electrodes employed in the prevention of corrosion in steam boilers, condensers and like structures.*
5072. E. S. Luard. *Improvements in or relating to vacuum brake systems and apparatus for railway vehicles and the like.*

PRINTED SPECIFICATIONS PUBLISHED.

Printed copies of the undernoted specifications may be purchased at the Patent Office, 1, Council House Street, Calcutta, annas eight each.

1706. R. Kutschinski. *Improvements in fuels for internal combustion engines.*
2214. C. F. Boehringer & Soehne. *Process of preparing derivatives of bismethylaminotetraminoarsenobenzene which are soluble in water.*
4193. R. E. Larson. *Improvements in bricks or stones for building.*

4540. E. C. Bowden-Smith and A. R. Baker. *Improvements in or relating to oil fuel burners.*
4889. E. C. Hanson. *Wireless transmission of energy.*
4976. J. Wells. *Improvements in gas producers.*
4981. J. N. Stables. *Improvements in vehicle wheels.*
4984. J. A. Launder. *Improvements in or relating to coat hangers and the like.*
4989. A. H. Jorgensen. *Improvements in alarm apparatus.*
4994. T. Culshaw. *Improvements in and connected with the construction of ceilings.*
4999. A. M. O'Brien. *Improvements in or relating to continuous fractional distillation.*
5002. O. R. Williams. *Improvements in the manufacture of railway buffers.*
5003. J. Wells. *Improvements in gas producers.*

SEALING FEES DUE UNDER SECTION 10.

Notice is hereby given that a patent may now be sealed on the applications referred to below. If it is desired that a patent should be sealed, a request on the prescribed form No. 7, accompanied by the fee, R30, should be sent to the Controller of Patents, 1, Council House Street; Calcutta.

3936. Smith.
3954. Monotype Machine (Colonial Patents) Syndicate Ltd.
4277. Arentox Co.
4525. Morris.
4693. Vaz.
4710. Metcalfe.
4731. Calatayud.
4737. Floyd.
4755. Marconi's Wireless Telegraph Co., Ltd.
4766. Walton.
4788. Pyle-National Co.
4793. MacIlwaine and Holdcroft.
4794. Geer.
4802. Mehta.
4807. Stocks.
4810. Buckley and Buckley.
4811. Master.
4815. Mendis.
4816. Benham & Sons, Ld., and Allensby.
4818. Carrad.
4819. Collett and Dombal.
4820. Stockton.
4821. Marconi Wireless Telegraph Co., of America.
4822. Poore.

PATENTS SEALED.

3939. Stent.
3940. Stent.
4042. Roe.
4242. Roe.
4292. Roe.
4293. Glanfield.
4314. Roe.
4389. Roe.
4419. Roe.
4426. Roe.
4472. Dennett.
4577. Weinrich.
4581. Dunstan.
4639. Pipe.
4655. Roe.
4679. Marret.
4686. Marum.
4705. Barraclough.
4726. White Jr. & Wall.
4727. White Jr. & Wall.
4729. Holle.
4741. Brown.
4745. Roch & L. G. Mouchel & Partners Ld.
4746. Roch & L. G. Mouchel & Partners Ld.
4747. Saunders.
4748. Atock.
4749. Badder, Burrows and Allender.
4750. Biddle.
4751. Linden.
4760. Hall Motor Fuel Ltd.
4761. Goudie.
4762. Mulligan.
4763. Vaughan.
4764. Coatalen, Stevens and Sunbeam Motor Car Co., Ltd.
4772. Stott & Jones.
4773. Luard.
4774. Luard.
4775. Luard & Rawlings.
4776. Ford.
4780. Reece.
4789. Hayward.
4795. Pickering.

RENEWAL FEES PAID.

270 of 1906. Hoyle & anr. (To 9 January 1921.)
383 of 1906. Lobnitz. (To 1 March 1921.)
16 of 1907. Stuart-Brown. (To 14 February 1921.)
325 of 1907. Steele. (To 29 January 1921.)
577 of 1907. Rees. (To 27 January 1921.)
578 of 1907. Rees. (To 27 January 1921.)
605 of 1907. Schoop. (To 26 March 1921.)
58 of 1909. Barlow and anr. (To 13 March 1921.)

141 of 1909. Barton. (To 24 April 1921.)
345 of 1909. Lancaster-Sutton. (To 15 March 1921.)
667 of 1909. Bondfield. (To 20 January 1921.)
694 of 1909. Watson. (To 16 February 1921.)
89 of 1910. Rawlings & ors. (To 31 March 1921.)
131 of 1910. Handcock and ors. (To 18 April 1921.)
290 of 1910. Stock. (To 9 January 1921.)
316 of 1910. Leslie. (To 25 January 1921.)
531 of 1910. Lancaster-Sutton. (To 10th February 1921.)
405 of 1910. W. M. Still & Sons Ltd., & anr. (To 8 March 1921.)
84 of 1911. McElroy Shephard Co. (To 27 February 1921.)
305 of 1911. Lancaster-Sutton. (To 9 February 1921.)
3 of 1912. Killen. (To 2 January 1921.)
20 of 1912. Belanger Spinning Process Co. (To 9 January 1921.)
67 of 1912. W. W. Pilkington & ors. (To 5 February 1921.)
696 of 1913. Gum Tragasol Supply Co., Ltd. (To 13 January 1921.)
719 of 1913. Stephen. (To 28 January 1921.)
744 of 1913. Dalen. (To 10 February 1921.)
755 of 1913. Automatic Telephone Manufacturing Co., Ltd. (To 17 February 1921.)
776 of 1913. Kinney. (To 24 February 1921.)
810 of 1913. Hayes (Universal) Printing Machinery Ltd. (To 4 March 1921.)
825 of 1913. Tenchno-Chemical Laboratories Ltd. (To 10 March 1921.)
1330 of 1913. Kinney. (To 1 December 1920.)
1399 of 1914. Muntz. (To 5 January 1921.)
1403 of 1914. Barnfather. (To 6 January 1921.)
1404 of 1914. Barnfather. (To 6 January 1921.)
1411 of 1914. Lancaster-Sutton. (To 12 January 1921.)
1430 of 1914. Breitung. (To 26 January 1921.)
1445 of 1914. Spencer. (To 2 February 1921.)
1479 of 1914. Strachan. (To 19 February 1921.)
1589 of 1914. Adams. (To 14 April 1921.)
1604 of 1914. Burke. (To 17 April 1921.)
1962 of 1914. Olsson & anr. (To 18 December 1920.)
1963 of 1914. Olsson & anr. (To 18 December 1920.)
1964 of 1914. Olsson & anr. (To 18 December 1920.)
1972 of 1915. Standard Oil Co. (To 2 January 1921.)
1973 of 1915. Groom & anr. (To 2 January 1921.)
2060 of 1915. Manganese Steel Rail Co. (To 15 March 1921.)
2139 of 1915. Macfarlane & anr. (To 17 May 1921.)
2398 of 1915. Williams. (To 6 December 1920.)
2418 of 1916. Moodie & ors. (To 3 January 1921.)
2421 of 1916. Robinson. (To 3 January 1921.)
2425 of 1916. Luard. (To 3 January 1927.)
2456 of 1916. Reaks. (To 27 January 1921.)
2458 of 1916. Rabady and anr. (To 29 January 1921.)
2480 of 1916. Merry. (To 17 February 1921.)

CESSATION OF EXCLUSIVE PRIVILEGES.

The public are warned that entries under this heading must not be accepted as final, as under the provisions of Rules 9 and 11 of "The Indian Patents and Designs (Temporary) Rules, 1915," the Controller may extend the time prescribed by the Indian Patents and Designs Act, 1911, and by the Inventions and Designs Act, 1888, for paying the necessary renewal fees.

The Patent Office will supply on request definite information, so far as possible, as to the position of any particular Patent or Exclusive Privilege.

1907.

166. (International Cigar Machinery Co.)

1912.

534. (Rechnitzer.)

1913.

1213. (Badische Anilin & Soda Fabrik.) 1214. (Badische Anilin & Soda Fabrik.)

1914.

2252. (Milne.)

1915.

2309. (Bernard.) 2313. (Irwin.) 2314. (Anglo-Mexican Petroleum Products Co., Ld. and anr.) 2316. (Anderson.)

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AHMEDABAD	R. C. Technical Institute.
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"	Victoria Jubilee Technical Institute, Byculla.
"	The Bombay Textile and Engineering Association, No. 1A, Sussex Road, Parel.
CALCUTTA	Patent Office, No. 1, Council House Street.
"	Civil Engineering College, Sibpur.
CAWNPORE	Office of the Director of Industries, United Provinces.
CHINSURAH	Office of the Commissioner, Burdwan Division.
CHITTAGONG	Office of the Commissioner, Chittagong Division.
DACCA	Office of the District Board, Dacca.
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HYDERABAD	Revenue Department of His Highness the Nizam's Government.
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KARACHI	Office of City Deputy Collector.
LAHORE	Punjab Public Library.
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MADRAS	Record Office, Egmore.
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Office of the Director of Industries, United Provinces, Cawnpore. Specifications and other publications of the United Kingdom Patent Office can also be seen in the Patent Office, Calcutta, in the Record Office, Bombay, and in the Connemara Library, Madras.

9. *Publications* on sale at the Patent Office:—

		Price. R	a.
(a) Patent Office Handbook (Acts, Rules and instructions)		1	0
(b) The Indian Patents and Designs Act, II of 1911		0	10
(c) The Indian Patents and Designs Act, II of 1911 (Urdu and Hindi)	each	0	2
(d) The Indian Patents and Designs Rules, 1912		0	2
(e) Weekly Notifications (Extract from the *Gazette of India*)		0	1
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(f) Inventions (Consolidated Subject Matter Index, 1900-1908, and Chronological lists, 1900-1904)		2	0
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(h) Patent Office Journals (Issued quarterly)	each	0	8
(i) Patent Office Journals, 1914, 1915, 1916, 1917, 1918	each	1	0
(j) Printed specifications of inventions since 1912	each	0	8

V. LOUGH,
Controller of Patents and Designs.

BANK OF BENGAL.

Statement of the Affairs of the Bank of Bengal for the week ending 6th January 1920.

LIABILITIES.	Rs. A. P.	Rs. A. P.
Capital paid up		2,00,00,000 0 0
Reserve Fund	2,00,00,000 0 0	
Transfer to Special Reserve Fund for Depreciation of Investments, *see below*	25,00,000 0 0	1,75,00,000 0 0
Reserve for Depreciation of Investments		25,00,000 0 0
Public Deposits at Head Office	2,58,06,307 7 11	4,31,89,179 8 7
Public Deposits at Branches	1,73,82,872 0 8	
Other Deposits at Head Office and Branches		32,80,24,134 6 1
Bank Post Bills, etc.		32,15,073 13 11
Sundries		46,82,674 0 3
RUPEES		41,91,11,061 12 10

ASSETS.	Rs. A. P.	Rs. A. P.
Government Securities		7,27,19,610 0 0
Other authorized Investments		1,39,20,644 0 0
Loans on Government and other authorized Securities		13,51,67,754 14 2
Accounts of Credit on Government and other authorized Securities		5,50,98,665 3 3
Bills discounted and purchased		2,65,49,763 6 1
Balances with other Banks		38,77,477 2 1
Bullion		...
Dead Stock		29,06,344 9 1
Stamps		13,356 10 2
Sundries		20,22,042 10 9
		31,22,75,658 7 7
Cash and Currency Notes at Head Office*	3,79,57,051 2 6	10,68,35,403 5 3
Cash and Currency Notes at Branches†	6,88,78,352 2 9	
RUPEES		41,91,11,061 12 1

* Includes Sovs. and ½ Sovs., value Rs. 3,85,147 8 0
† Do. do. do. „ 5,16,900 0 0

Rs. 9,02,047 8 0

By the order of the Directors,

BANK OF BENGAL,
Calcutta, 8th January 1920.

C. M. TALLACK,
Chief Accountant.

N. H. Y. WARREN,
Secretary and Treasurer.

Rate for Demand Loans 5 per cent.
Percentage 28·18.

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List of text-books, etc., prescribed for the examination (other than departmental) of Civil and Military officers in oriental languages (Urdu, Persian, Arabic, Hindi, Sanskrit, Assamese, Bengali and Uriya), together with annual collections of Specimens of Examination Papers, obtainable from the Board of Examiners, Calcutta, can be had from the Secretary, Board of Examiners, Calcutta.

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M. Zafarullah Khan Haidari, Oriental Lodge, Ambala.
M. Chhote Lal, Lalkurti Bazar, Ambala.
M. Jawala Parshad, Regimental Munshi, Lalkurti Bazar.
M. Gulam Qadir, Karimullah's Compound, near H. M. High School, Ambala Cantonment.
M. Mohomed Khalil, Urdu Instructor, Mohalla Maimaran, Ambala City.
*M. M. Muzaffar Hamid Faruqi, Munshi Rasul Bakhsh Compound near Kali Bari.
*M. Rahmat Khan, Mir Munshi, Sadar Bazar, Ambala.

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M. K. R. Mehfa, Regimental Munshi, 1st F. S. Garrison Battalion, Somerset Light Infantry, Amritsar.

AMROHA.—M. Khwaja Amir Ahmad Ansary, Government High School, Amroha.

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BANNU.—M. Mul Chand Khurana, Munshi Alim, Pensioner, Bannu.

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M. Basheer Ahmad, Bazaria Inayatganj (Old City).

BARRACKPORE.—M. Nisar Ahmad Khan, 89, Baker Mahal.

BELGAUM.—M. Ismail Babaji Bhaldar, 4221, Chandoo Mholla.

BENARES.—M. Farzand Ali Khan (of Patna), 1st Blackwatch Regiment, Nandesar Tank near Masjid, Benares Cantonment.

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*Mr. Mohd. Shafi Ahmad Mazhari, M.A., Address—Opposite J. J. Hospital, 668 Parel Road, Bombay.

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M. Sami Uddin Qadri, C/o M. Hamiduddin, Maulvi Tola, Budaun, U. P.

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M. Harnam Das, Headmaster, Malwa Khalsa School, Ferozepore City.

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M. Abdullah Khan, Officers' Munshi, Sadar Bazar, behind Kotwali.
M. Nirmal Prasad Jain, Sadar Bazar.
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M. Chandan Khan, Officers' Munshi, Phurianwala Bazar, Jhelum.
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M. H. S. Wajid Ali Shah, Mohalla Sayedan, Karimpura, Peshawar City.

POONA—
M. S. R. Kapur, Regimental Munshi, 2nd Bn., Warwickshire Regiment, C/o Pandit Diwan Chand, Accountant, M. W. S. Office, opposite Divisional Library, Poona.
M. S. Karim Baksh, Regimental Munshi, 2nd Bn., The Lincoln Regiment, Gharpuri, Poona.

QUETTA—
M. Mohd. Rahim Shah, Urdu Instructor, Cadet College.
Pt. Hirday Narayan, Urdu Instructor, Cadet College.
M. S. Abdul Aziz, The King's Regiment, Quetta.
M Syed Inam Ali, Mission Road, Quetta.
M. Sher Mohamed, Urdu Instructor, Cadet College.
M. Sita Ram Mehta, Babu Muhalla, near Arya Samaj, Quetta.
M. Jawala Prashad, Urdu Instructor, Cadet College, Quetta.
*M. S. Barkat Ali, Urdu Instructor, Cadet College, Quetta.
M. Dittu Ram, Urdu Instructor, Cadet College, Quetta.
M. Syed Hadi Hussain, Urdu Instructor, Cadet College.
*M. Syed Aulad Husain, Cadet College, Quetta.
M. Abdul Hakim Khan, Nishtar—Shair Manzil (M. W. S., Military District).
*M. Jiya Lall, Cadet College, Quetta.
M. Ram Kishan, Cadet College, Quetta.
M. Haji Ahmad Fakhriey, Cadet College, Quetta.
M. Mohd. Sarwar Khan, Mirza, Persian Professor, Government High School, Quetta.

RAWALPINDI—
M. Ghulam Mohy-ud-Din, Regimental Munshi, 2nd Battalion, North Staffordshire Regiment, Rawalpindi (winter only).
M. Ghulam Rasul, Sadar Bazar, Rawalpindi.
M. Bodh Raj, Regimental Munshi (winter only).
†M. Fazl Elahi, C/o Ellahi Buksh & Co., Polo Sports Works, near Massy Gate, Rawalpindi.
M. Mohd. Abdul Khaliq, C/o Munshi Ali Ahmad, Butcher's Street, Sadar Bazar, Rawalpindi.
M. Amir Bukhsh Gyani, M. F., Professor of Oriental Languages, Ihata Sultan, Rawalpindi City.

RISALPUR.—M. Kazi Abdul Haqq Khan, Regimental Munshi, Royal Flying Corps, Risalpur Cantonment.
ROORKEE CITY.—M. Fazl-i-Haq, Muhalla Satti, Roorkee City

ROHTAK.—
M. Mohammad Akeeluddin, Fort, Rohtak.
M. Abrar Ali, Junior English Teacher, Government High School, Rohtak.

SAUGOR—M. Rameshwar Dayal, Officers' Munshi, Sadar Bazar, Saugor, C. P.

SIALKOT—
M. Abdul Hamid Khan, Officers' Munshi, Mori Gate, New Street, Sialkot.
M. Ghulam Rasul Syed, Raja Street, Sialkot.

SIMLA.—M. Abdul Latif, Urdu Instructor, C/o M. Mohamed Buksh Sahib, Pleader, Lower Bazar.

SUBATHU—
M. Amar Nath Varma, Officers' School of Instruction, Subathu.
M. Anand Swarup, Officers' School of Instruction, Subathu.
M. Md. Khalil-ur-Rahman, Officers' School of Instruction, Subathu.
M. Md. Miyan Khan Haidari, Officers' School of Instruction, Subathu.
*M. Habib Ullah, Syed, Officers' School of Instruction, Subathu.
M. Mool Chand Saihgal, Officers' School of Instruction, Subathu.

WELLINGTON—
M. Syed Khurshad Ali, Urdu Instructor, Cadet College, Wellington.
M. Abdul Majid Sharif Quraishi, Munshi, Cadet College.
S. Aftab Ali, Munshi, Wellington Market Post Office, Victoria Villa.

Qualified Bengali Teachers.

CALCUTTA.—Babu Suresh Chandra Chatterjee, 6, Muktaram Row, Calcutta.
RUNGPUR.—Babu Mukunda Lal Das Gupta, Kakina, District Rungpur.

Qualified Canarese Teacher.

BANGALORE.—M. R. Ry. K. Hanumantha Rao, No. 1, Main Road, Seshadripuram, Bangalore.

Qualified Malayalam Teachers.

ADICHANALLORE.—M. R. Ry. N. Sankara Pillai, First Assistant, H. G. E. School, Adichanallore.
KOTTAYAM.—M. R. Ry. A. I. Pothen, Malayalam Munshi, Basel Mission High School, Kottayam.

Qualified Marathi Teachers.

EAST KHANDESH.—Mr. Laxman Narayan Phandis, B.A., C/o Mr. M. N. Phandis, Editor, Kavya Ratnawali, Jalgaon.

POONA CITY—
Mr. Govind Krishna Modak, Sanskrit Teacher, New English School, Poona City.
Mr. D. K. Pathak, 442, Sadashiv Peth, Poona City.
Mr. N. L. Deshpande, 641, Budhwar Peth, Poona City.

RATNAGIRI.—M. Waman Vishnu Vaidya, C/o Mr. R. K. Bal, B.A., LL.B., Sub-Judge, Malwan, District Ratnagiri.
SHOLAPUR.—Mr. Vishnu Anant Salgarkar, C/o Mr. Harichand Amichand Shah, Sholapur.

Qualified Punjabi Teacher.

LAHORE.—M. Muhammad Zafar Ali, Student, Forman Christian College, Lahore.

Qualified Tamil Teachers.

MADRAS—
M. R. Ry. K. Raghavachari, Senior Tamil Pandit, Wesley College, Royapettah.
M. R. Ry. A. M. Satakoparamanuja Acharya, Senior Tamil Pandit, National High School, Teppakulam, Trichinopoly.

Qualified Telugu Teachers.

GODAVARI.—M. R. Ry. V. Subba Rao, Stewartpetta, Pithapuram, Godavari District.
NELLORE.—K. Subrahmanya Sarma, Telugu Pandit, A. B. M. Girls' High School, Nellore.

N.B.—Whenever any teacher changes his address, he is requested to communicate his new address to the Board of Examiners.

Teachers whose names are preceded by an asterisk (*) are considered especially competent to giye advanced instruction in the language.

Teachers whose names are preceded by a cross (†) are out of India.

CALCUTTA,
The 23rd December 1919.

C. L. PEART, MAJOR,
Secretary and Member, Board of Examiners.

IMPERIAL LIBRARY.

(Corner of Hare Street and Strand Road, Calcutta.)

Open on { Week-days and Saturdays, from 10 A.M. to 7 P.M.
Sundays and Holidays, from 2 P.M. to 5 P.M.

The Imperial Library is also a Lending Library. It is free to all except children. There is no subscription to pay.

J. A. CHAPMAN,
Librarian.

SULPHATE OF QUININE, SULPHATE OF CINCHONIDINE, CINCHONA FEBRIFUGE, RESIDUAL ALKALOID, AND QUINOIDINE.

Manufactured at the Bengal Government Cinchona Plantation.

These articles are guaranteed to be free from wilful admixture with other Cinchona Alkaloids. QUININE can be purchased by Government officers, District and Local Boards for Hospitals and Dispensaries in the Provinces of Bengal, Bihar, Punjab and Assam on indents duly countersigned by the Civil Surgeon of their Districts. It can also be purchased by Missionaries for *bonâ fide* public purposes. It is never sold to private persons or firms. CINCHONA FEBRIFUGE both in powder and 3½ grain tablet forms and CINCHONIDINE can be purchased by Government officers and the general public. It is also sold by the Principal Druggists in Calcutta. QUINOIDINE or *Pure Amorphous Alkaloid* and *Residual Alkaloid* or *Amorphous Cinchona Alkaloid*, which contains about 40 per cent. of *Pure Amorphous Alkaloid*, are for sale to Missionaries and Government Institutions only. *These drugs are sold strictly cash and in advance but private purchasers may use the V. P. P. system*, and are obtainable from the SUPERINTENDENT, JUVENILE JAIL, ALIPORE.

The rates for these drugs from 16th May 1919 are as follows:—

SULPHATE OF QUININE.

For quantities 60 lbs. and above in one delivery	Rs. 24 per lb.
For quantities of not less than 6 lbs. but below 60 lbs. in one delivery .	,, 25 ,,
For any quantity less than 6 lbs.	,, 26 ,,

SULPHATE OF CINCHONIDINE.

For quantities of not less than 6 lbs. in one delivery . . .	Rs. 11 per lb.
For any quantity less than 6 lbs.	,, 12 ,,
(Only small quantities available when in stock.)	

CINCHONA FEBRIFUGE.

For quantities of not less than 6 lbs. in one delivery . . .	Rs. 5 per lb.
For quantities less than 6 lbs. (when in stock)	,, 6 ,,

CINCHONA FEBRIFUGE TABLETS.

For quantities of not less than 6 lbs. in one delivery . . .	Rs. 6 per lb.
For any quantity less than 6 lbs. (when in stock)	,, 7 ,,
QUINOIDINE in non Tablet form (when in stock) and Residual Alkaloids.	,, 4

QUINOIDINE TABLETS.

For quantities of not less than 6 lbs. in one delivery . . .	Rs. 6 per lb.
For quantities less than 6 lbs. in one delivery (when in stock) . .	,, 7 ,,

Quinine is available in 1-oz., ¼-lb., ½-lb., 1-lb., 4-lb., and 6¼-lb. tins.
Cinchonidine is available in ¼-lb., ½-lb. and 1-lb. boxes.
Cinchona Febrifuge is available in ¼-lb., ½-lb. and 1-lb. boxes.
Residual Alkaloid is available in 1-lb., 5-lb. and 10-lb. boxes.
Quinoidine is available in 1-lb. box.
Quinoidine Tablets are available in 1-lb. box.

Transit charges are in addition to the above prices in every case.
Local sale at the Jail gate from 7 to 10 A.M. and 2 to 4 P.M.

Drugs are sold for cash or by V. P. Post. Price of Postage must accompany the price of the drug (when the drug is required by Post). The name of the Railway and Steamer Station or Post Office must be written distinctly when the parcels are required by Rail Steamer or by Post. A scale of Postage is given below:—

[For ¼ lb. 4 As.; ½ lb. 5 As.; 1 lb. 8 As.; 1½ lb. 11 As.; 2 lbs. 14 As.; 2½ lbs. Re. 1 Anna 1; 3 lbs. Re. 1 Anna 1; 3½ lbs. Re. 1 As. 4; 4 lbs. Re. 1 As. 7; 4½ lbs. Re. 1 As. 10; 5 lbs. Re. 1 As. 13; 6 lbs. Rs. 2; 6½ lbs. Rs. 2 As. 3.]

	Rs.	A.	P.
Quinoidine tab: 1 lb. Weg. 3 lbs. Postage	1	1	0
Quinoidine tab: 2 lbs. Weg. 6 lbs. Postage	2	0	0
Quinoidine tab: 3 lbs. Weg. 9 lbs. Postage	3	0	0

N.B.—Postage stamps are not accepted as revenue.

DEPARTMENT OF ISSUE OF PAPER CURRENCY.

Calcutta, the 5th January 1920.

Abstract of the accounts of the Department of Issue of Paper Currency on the 31st December 1919.

	Total amount of notes in circulation.			Reserve.													Remarks.
				Coin and Bullion.										Securities (Purchase Price).		Total.	
				In India.			In England.		In His Majesty's Dominions.	In transit between India, England and H. M.'s Dominions.		In the U. S. A. and in transit therefrom.					
	In Reserve Treasuries.	Elsewhere.	Total.	Silver Coin.	Gold Coin and Bullion.	Silver Bullion under coinage.	Gold Coin and Bullion.	Silver Bullion.	Gold Coin and Bullion.	Gold Coin and Bullion.	Silver Bullion.	Silver Bullion.	Gold Coin and Bullion.	Held in India.	Held in England.		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	
Calcutta	3,36,500	56,06,55,068	56,09,91,568	6,90,50,838	6,68,62,428	13,10,29,397	4,29,00,000	...	...	4,89,31,890	...	...	92,00,000	(a) 17,02,99,946	(b) (c) 82,49,87,556	1,36,32,62,055	(a) Nominal value—R10,20,81,500 of rupee paper and R7,40,00,000 Indian Treasury Bills. (b) Nominal value—R83,95,95,001. (c) Includes Treasury Bills purchased under section 3, Act XI of 1917, as amended by Act VI of 1918 and Act II of 1919.
Cawnpore	...	9,54,48,044	9,54,48,044	5,14,05,025	47,73,330	...	...	...	...	...	...	...	...	...	...	5,61,78,355	
Lahore	...	12,19,17,234	12,19,17,234	2,13,43,423	1,80,04,559	...	...	...	...	...	...	...	...	...	...	3,93,47,982	
Bombay	7,99,910	53,42,90,936	53,50,90,846	10,29,00,425	19,59,17,456	92,78,998	...	...	...	...	...	...	...	...	...	30,80,96,879	
Karachi	...	8,02,13,823	8,02,13,823	1,01,27,306	21,52,658	...	...	...	...	...	...	...	...	...	...	1,22,79,964	
Madras	10,21,545	23,50,09,586	23,60,31,131	2,60,68,751	47,34,405	...	...	...	...	...	...	...	...	...	...	3,08,03,156	
Rangoon	...	19,94,17,191	19,94,17,191	1,55,31,380	36,10,066	...	...	...	...	...	...	...	...	...	...	1,91,41,446	
	21,57,955	1,82,69,51,882	1,82,91,09,837	29,64,27,148	29,60,54,902	14,03,08,395	4,29,00,000	...	...	4,89,31,890	...	...	92,00,000	17,02,99,946	82,49,87,556	1,82,91,09,837	
Deduct—Withdrawn from circulation by Foreign Circles and in course of remittances to Circles of Issue			...	*Deduct*—Amount due on T. Ts. drawn by one Circle on another												...	
Total Circulation R			1,82,91,09,837											Total Reserve R		1,82,91,09,837	

There was no transfer between the Paper Currency Reserve and the Indian branch of the Gold Standard Reserve during the week ending 31st December 1919.
There was no gold in the Indian branch of the Gold Standard Reserve on the 31st December 1919.

W. ALDER,
Offg. Controller of Currency.

BANK OF BENGAL—PUBLIC DEBT OFFICE.

Statement of Government Promissory Notes enfaced for payment of Interest in London, under deduction of amount re-transferred to India, and outstanding in the Books of the Bank of Bengal on the 31st December 1919.

PARTICULARS.	3 PER CENT. OF 1896-97.	3½ PER CENT. LOANS					4 PER CENT.		INDIAN WAR LOAN.			2ND INDIAN WAR LOAN.				TOTAL.
		of 1842-43.	of 1854-55	of 1865.	of 1879.	of 1900-01.	Terminable Loan of 1915-16.	Conversion Loan of 1916-17.	5 per cent. War Loan 1929-47.	5½ per cent. War Bonds 1920.	5½ per cent. War Bonds 1922.	5½ per cent War Bonds 1921.	5½ per cent War Bonds 1923.	5½ per cent. War Bonds 1925.	5½ per cent. War Bonds 1928.	
Balance of 15th December 1919	25,59,900	81,22,200	3,64,65,800	1,51,34,300	55,30,800	15,59,300	5,900	40,07,700	74,850	17,900	9,84,125	725	800	14,400	7,59,000	7,52,37,600
Add—																
Amount of Loan Certificate transferred to Stock in London	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	..
Amount issued in London by Conversion under Notification No. 620/A dated 3-11-08 to 3½% loan 1900/1	...	...	...	...	...	12,900	...	...	...	...	...	...	...	...	...	12,900
Amount enfaced at Madras up to	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Amount enfaced at Bombay up to 12th December 1919	...	...	...	...	...	...	200	...	...	...	200	...	400	...	...	800
Amoupt enfaced at Calcutta between 16th and 31st December 1919	...	...	2,000	...	..	...	..	...	...	...	1,200	...	...	...	...	3,200
	25,59,800	81,22,200	3,64,67,800	1,51,34,300	55,30,800	15,72,200	6,100	40,07,700	74,850	17,900	9,85,525	725	1,200	14,400	7,59,000	7,52,54,500
Deduct—																
Amount written off in the London Registers	14,900	86,100	2,71,700	1,47,000	3,46,300	18,900	...	...	...	1,800	10,000	...	...	...	...	8,96,700
Balance on 31st December 1919	25,44,900	80,36,100	3,61,96,100	1,49,87,300	51,84,500	15,53,300	6,100	40,07,700	74,850	16,100	9,75,525	725	1,200	14,400	7,59,000	7,43,57,800

NOTE.—From 9th June 1867 to 31st Oct. 1919 Enfaced from India 12,514 lakhs, re-transferred from London 13,092 lakhs.
" 1st Nov. " " 15th Novr. " ditto ... ditto 3 "
" 16th " " " 30th " " ditto ... ditto 17 "
" 1st Dec. " " 15th Dec. " ditto ... ditto 5 "
" 16th " " " 31st " " ditto ... ditto 9 "
12,514 13,126

PUBLIC DEBT OFFICE,
BANK OF BENGAL:
Calcutta, 6th January 1920.

N. H. Y. WARREN,
Secretary and Treasurer.

ORDERS BY THE HON'BLE THE VICE-CHANCELLOR AND SYNDICATE OF THE CALCUTTA UNIVERSITY.

The undermentioned candidates are declared to have passed the First M. B. Examination held in November, 1919.

(In Alphabetical order.)

	Bagchi, Achyutalal	Medical College, Calcutta.
	" Asitchandra	Ditto.
	" Dwijadas	Carmichael Medical College, Belgachia.
	Baksi, Alakananda	Medical College, Calcutta.
	Bandyopadhyay, Bijendrakumar	Ditto.
	" Durgadas	Ditto.
	" Jitendranath	Carmichael Medical College, Belgachia.
	" Nirmalkumar	Medical College, Calcutta.
	" Sudhansukumar	Ditto.
10	Basu, Achintyaprasad	Carmichael Medical College, Belgachia.
	" Muralimohan	Medical College, Calcutta.
	" Narendrakrishna	Ditto.
	Bhattacharyya, Bholanath	Ditto.
	" Kshetranath	Carmichael Medical College, Belgachia.
	Bhaumik, Manomohan	Ditto.
	Brahma, Haripada	Medical College, Calcutta.
	Chakrabarti, Charubhushan	Carmichael Medical College, Belgachia.
	Chattopadhyay, Nalinimohan	Medical College, Calcutta.
	" Sachikumar	Ditto.
20	" Simadriprasun	Ditto.
	Chaudhuri, Bhabanicharan	Ditto.
	" Hemchandra	Carmichael Medical College, Belgachia.
	Das, Haricharan	Ditto.
	" Pulinkrishna	Medical College, Calcutta.
	" Ramgopal	Carmichael Medical College, Belgachia.
	Dasgupta, Niradbihari	Medical College, Calcutta.
	Datta, Arunchandra	Ditto.
	" Hirankumar, II	Ditto.
	" Moheswar	Ditto.
30	De, Narendrakrishna	Ditto.
	" Rasbihari	Ditto.
	Gangopadhyay, Harendrachandra	Ditto.
	Ghosh, Badalchandra	Ditto.
	" Bishnupada	Ditto.
	" Jyotiprasad	Ditto.
	" Sailendranath	Ditto.
	Guha, Nagendrachandra	Ditto.
	" Nagendranath	Ditto.
	Gupta, Bibhutibhushan	Ditto.
40	" Jatindranath	Ditto.
	Haldar, Prahladchandra	Carmichael Medical College, Belgachia.
	Karmakar, Radhaballabh	Medical College, Calcutta.
	Kole, Pramathanath	Ditto.
	Lahiri, Praphullakamal	Ditto.
	" Sudhendusekhar	Ditto.
	Majumdar, Hiran Ch.	Carmichael Medical College, Belgachia.
	" Pramathanath	Medical College, Calcutta.
	Malik, Hirendrachandra	Ditto.
	" Krishnalal	Ditto.
50	Md. Mobaruk Ali	Ditto.
	Md. Rafee Ahmad	Ditto.
	Mitra, Madhabchandra	Ditto.
	" Sachindranath	Ditto.
	Mukhopadhyay, Ramranjan	Ditto.
	Nandi, Panchugopal	Carmichael Medical College, Belgachia.
	" Sureschandra	Medical College, Calcutta.
	Nayak, Balmukunda	Ditto.
	Palit, Jitendramohan	Ditto.
	Ray, Bijaychandi	Ditto.
60	" Hemchandra	Ditto.
	" Narendrachandra	Ditto.

	Ray, Prabhaschandra	Carmichael Medical College, Belgachia.
	„ Syamapada	Medical College, Calcutta.
	Sarbadhikari, Sachindra	Medical College, Calcutta.
	Sen, Haribinod	Ditto.
	„ Manischandra	Carmichael Medical College, Belgachia.
	„ Pulinbihari	Medical College, Calcutta.
	Sengupta, Kaminikumar	Carmichael Medical College, Belgachia.
	„ Rakhaldas	Medical College, Calcutta.
70	Shaw, Sibnarayan	Ditto.
71	Sinha, Subodhchandra	Ditto.

The undermentioned candidates are declared to have passed the Preliminary Scientific M. B. Examination, held in November, 1919.

(*In Alphabetical order*).

	Adhya, Manindranath	Medical College, Calcutta.
	Bandyopadhyay, Dhirendranath	Ditto.
	Basu, Abhimathanath	Carmichael Medical College, Belgachia.
	„ Asutosh	Medical College, Calcutta.
	„ Bhaktasakha	Carmichael Medical College, Belgachia.
	„ Chittaranjan, II	Medical College, Calcutta.
	„ Hirendrakumar	Ditto.
	„ Kalipada	Carmichael Medical College, Belgachia.
	„ Nabanikanta	Ditto.
10	„ Pasupatinath	Ditto.
	„ Tulsicharan	Ditto.
	Biswas, Chandicharan	Ditto.
	Chakrabarti, Nandalal	Ditto.
	„ Jagatbandhu	Ditto.
	„ Upendranath	Medical College, Calcutta.
	Chattopadhyay, Balaichand	Carmichael Medical College, Belgachia.
	„ Debidas	Medical College, Calcutta.
	„ Dhirendranath	Carmichael Medical College, Belgachia.
	„ Krishnapada	Medical College, Calcutta.
20	Chinmiah, S. E. N.	Carmichael Medical College, Belgachia.
	Das, Debendraprasad	Medical College, Calcutta.
	„ Nanigopal	Carmichael Medical College, Belgachia.
	Dasgupta, Akhilchandra	Medical College, Calcutta.
	Datta, Hemendralal	Carmichael Medical College, Belgachia.
	„ Surendrachandra	Medical College, Calcutta.
	Ghosh, Krishnapada	Carmichael Medical College, Belgachia.
	Goolbanoo Hormusjee	Medical College, Calcutta.
	Guha, Prankumar	Carmichael Medical College, Belgachia.
	Haldar, Prasaddas	Medical College, Calcutta.
30	Kamla Prasad	Ditto.
	Kundu, Himansubhushan	Carmichael Medical College, Belgachia.
	„ Nirmalchandra	Ditto.
	Maitra, Praphullakumar	Ditto.
	„ Syamapada	Ditto.
	Mallik, Kalidas	Ditto.
	Mandal, Kapileswar	Ditto.
	Maung Tha Kyaw	Medical College, Calcutta.
	Mukhopadhyay, Baladeb	Carmichael Medical College, Belgachia.
	„ Brindabanchandra	Ditto.
40	„ Dibyendubhushan	Ditto.
	Patra, Susilkumar	Ditto.
	Rakshit, Harimohan	Medical College, Calcutta.
	Raychaudhuri, Hariprasanna	Ditto.
	„ Kalipada	Carmichael Medical College, Belgachia.
	Saiyed Enamul Huque	Medical College, Calcutta.
	Sengupta, Gunendranath	Ditto.
47	Syed Mahboob Ali	Ditto.

A. C. BOSE,
Controller of Examinations.

SENATE HOUSE,
The 5th January, 1920.

BANK OF BENGAL.

NOTICE.

Calcutta, the 7th January 1920.

The Directors have made the following changes in the Bank's European Establishment:—

Mr. J. Lapraik, M.B.E., on return from leave, to be Agent at Bombay Agency, as from 3rd January 1920, *vice* Mr. H. Fisher, granted leave preparatory to retirement.

Mr. F. E. Dalton, to act as Agent at Dacca Branch, as from 3rd January 1920, *vice* Mr. K. M. MacDonald, transferred.

By order of the Directors,

N. H. Y. WARREN,

Secretary & Treasurer.

SURVEY OF INDIA.

NOTIFICATIONS.

Calcutta, the 2nd January 1920.

No. 833.—Bt.-Lieutenant-Colonel C. M. Browne, C.M.G., D.S.O., R.E., Deputy Superintendent, is granted provisionally privilege leave for 6 months, under article 260 of the Civil Service Regulations and the Government of India, Finance Department letter No. 168-C. S. R., dated the 24th February 1919, combined with furlough for 6 months, under articles 233 and 308(*b*) of the Civil Service Regulations, with effect from the 16th October 1919.

The 3rd January 1920.

No. 834.—Mr. J. C. St. C. Pollet, Extra Assistant Superintendent, was granted privilege leave for 3 months and 21 days, from 19th August to 9th December 1919, both dates inclusive, under article 260 of the Civil Service Regulations and Government of India, Finance Department, letter No. 168-C.S.R., dated the 24th February 1919.

No. 835.—Mr. T. A. Ferrier, C.B.E., Officer-in-charge, Mathematical Instrument Office, is granted privilege leave for 5 months and 22 days, under article 260 of the Civil Service Regulations, and the Government of India, Finance Department, letter No. 168-C. S. R., dated the 24th February 1919, combined with furlough for 1 year 6 months and 8 days, under articles 233, 305(*a*) and 308(*b*) of the Civil Service Regulations, with effect from the 12th January 1920, or the subsequent date on which he may avail himself of the same.

C. H. D. RYDER, Colonel, R.E.,

Surveyor General of India.

EASTERN BENGAL RAILWAY.

NOTIFICATIONS.

Dated the 23rd December 1919.

No. 21.—Mr. B. L. Harvey, Assistant Engineer, is granted under articles 233, 260 and 316 of the Civil Service Regulations and Government of India, Finance Department, letter No. 168-C.S.R., dated 24th February 1919, combined leave for 6 months, *viz.*, privilege leave on urgent private affairs for the remaining period with effect from the 31st July 1919.

The 6th January 1920.

No. 1.—Mr. H. M. Baikie, Assistant Engineer, passed the professional examination prescribed in paragraphs 639 to 641, Chapter VII, State Railway Construction Code, held on the 2nd December 1919.

J. H. WHITE,

Agent, Eastern Bengal Railway.

REPORT ON THE OPERATIONS OF THE CURRENCY DEPARTMENT DURING THE YEAR 1918-19.

From—M. M. S. GUBBAY, ESQ., C.S.I., C.I.E., I.C.S., Controller of Currency.

To—The Secretary to the Government of India, Finance Department, Simla.

SIR,

I have the honour to submit my report on the operations of the Currency Department, on the movement of funds, and on the resource operations of the Government of India for the year 1918-19.

It will be convenient for the purpose of a summary introduction to the history of the financial and currency events of the year to distinguish between the period preceding the armistice and the months succeeding the termination of hostilities, though, of course, it is to be understood that this distinction cannot be pressed too far, for there are many factors common to both periods. The year opened under the shadow of the great crisis caused by the final German offensive in the spring. To help to meet this crisis a call was made on India for an increase of her efforts in the supply of men and material. The first few months of the year thus witnessed great activity in the export of Indian goods and produce required for the prosecution of the war, thereby adding to the difficulties which previous reports have noticed as attending the financing of India's export trade. At the same time larger demands on the Government's financial resources arising not only out of the increased supply of men and material but also in connection with the financing of military operations which were extending to new areas materially intensified the strain to which the Indian financial system has been exposed by reason of the obligations undertaken by the Indian Government on behalf of His Majesty's Government. The position during those months was thus one of considerable tension, and superimposed on the anxieties connected with the financing of the Government and trade requirements there arose yet another cause for apprehension in the breaking out of an unprecedented silver crisis. The generous and ready assistance extended by the American Government through the release of the silver dollars in their Reserve materially helped in overcoming that crisis, but, as will be observed from a later section of the report where the events connected therewith are described at greater length, the position at the end of the year still remained one of considerable anxiety and uncertainty. Introductory.

The second period was marked by a decline of activity in the export trade and a consequent weakness in exchange. The possibility of such a decline was indicated by the occurrence of a weak south-western monsoon. This pointed to a probable contraction in the shipments of cereals and foodstuffs, and ultimately resulted in the taking of measures to prevent the outflow from India of foodstuffs, stocks of which had been depleted by the heavy shipments in the preceding 18 months to which reference was made in my report for 1917-18. It is, however, doubtful whether the indifferent agricultural outlook would by itself have caused so marked a depression in

NOTE.—Throughout this report and the statements appended rupees are converted into sterling at £15= £.

trade activity as to give rise to any apprehension as to India's trade transactions showing an excess of exports over imports. But when by the middle of October the military situation in the Near East foreshadowed an early collapse of the enemy's opposition, there arose certain anticipations as to the future course of the import and export trades. Prices, particularly of cotton, began to fall; the cloth market showed certain indications of collapse consequent on the reduction in the price of raw material; while, generally, the substitution of unknown peace possibilities for a continuation of profitable war conditions brought about considerable hesitation and uncertainty. For the first time since August 1915 the demand for trade remittances to India ceased, and from the end of October to the end of the financial year there were no sales by the Secretary of State of Council bills; on the contrary, it was found necessary in November to resume the sales of sterling drafts on London in order to support exchange at the level to which, consequent on the conclusion of the negotiations with the American Government, it had been raised in April.

Nevertheless, as will appear from the next succeeding section, the year's transactions ended in a substantial balance in favour of India. As in the previous year, the adjustment of the finance required to meet the excess of exports over imports was to a very large extent provided by Government, for the restrictions on the movement to India of the precious metals were drastically maintained. Imports of silver and gold were unprecedentedly low. The strain on the financial and currency mechanism was accordingly no less marked than in 1917-18, for Government's disbursements continued on a scale exceeding that of the previous year, while the activity of the export trade, which was largely of a war character, necessitated the adoption of abnormal measures. These included the issue of Treasury Bills and of a Second Indian War Loan, resulting in a net addition of 55½ crores to the floating and permanent debt of the Government of India; the purchase in the open market of 22½ crores of silver; the acquisition, under arrangements with the United States Government, of silver of which 50¾ crores were brought to account during the year; and, finally, the issue of currency notes against investments to the value of 31 crores in British Treasury Bills and of 6 crores in India Treasury Bills.

Following the model of previous reports the present report will in the first section deal with India's foreign trade, the imports and exports of precious metals and the methods whereby the balance of exports over imports was financed. The second and third sections deal with the price of silver, Exchange and Council bills. In the fourth section an account will be found of the financial transactions of Government leading to a review in the fifth section of the money conditions in India and of the Government's relations with the Presidency Banks. The demand for the various forms of currency is treated in the sixth section where also will be found a detailed account of the events connected with the currency crisis referred to above. Finally in the last two sections the usual statistics of the note circulation and miscellaneous matters connected with currency notes are discussed.

I.—India's Foreign Trade.

Statistics of Foreign trade.

2. The statement below gives, in the form adopted in former reports, a summarised record of the statistics of India's foreign trade in 1918-19 and in the preceding eight years, as also of some other transactions in the same period which are usually taken into account in estimating the trade balance. Certain adjustments are, for reasons which will be explained in paragraphs 6 and 7 below, necessary in the trade figures of the exports of gold and silver, and the adjusted figures for the year under report and for each of the three preceding years are shown in *italics* below.

(In lakhs of rupees.)

Year.	Gross exports of private merchandise.	Gross imports of private merchandise.	Net exports of private merchandise.	Imports of Funds and Treasure on private account.						Balance. Net export transactions + Net import transactions —.
				Council Bills. (Payments in India.)	Gold—Sovereigns. (Net.)	Gold bullion. (Net.)	Silver bullion and coin. (Net.)	Government securities. (Net.)	TOTAL 4 to 8.	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1910-11 . .	2,09,88	1,29,35	**80,53**	39,43	12,24	11,74	8,57	2,43	**74,41**	+6,12
1911-12 . .	2,27,84	1,38,57	**89,27**	40,17	27,34	10,42	5,29	1,06	**84,28**	+4,99
1912-13 . .	2,46,09	1,61,00	**85,09**	38,83	26,43	11,15	6,57	53	**83,51**	+1,58
1913-14 . .	2,48,88	1,83,25	**65,63**	46,60	11,34	11,98	6,24	1,12	**77,28**	*−11,65*
1914-15 . .	1,81,59	1,37,93	**43,66**	(a) −2,27	1,65	6,80	10,01	35	**16,54**	+27,12
AVERAGE FOR 5 YEARS.	**2,22,86**	**1,50,02**	**72,84**	**32,55**	**15,80**	**10,42**	**7,33**	**1,10**	**67,20**	**+5,64**
1915-16 . .	1,97,38	1,31,99	**65,39**	(a)23,71	*−2,68*	1,54	5,58	90	**29,05**	+36,34
					(b)*32*	(b)*4,58*			*35,09*	*+30,30*
1916-17 . .	2,45,15	1,49,62	**95,53**	47,07	1,77	11,51	*−3,32*	52	**57,55**	+37,98
						(c)*2,43*	(c) *−2,16*		*49,63*	*+45,90*
1917-18 . .	2,42,36	1,50,42	**92,14**	50,72	6,42	13,52	69	83	**72,18**	+19,96
						(d)*15,04*	(d)*1,46*		*74,47*	*+17,67*
1918-19 . .	2,53,85	1,69,03	**84,82**	(a)23,83	...	—2,49	1,02	—70	**21,66**	+63,16
						(e) *2*	(e) *6*		*23,21*	*+61,61*

	1914-15	1915-16	1918-19
(a) Council bills and transfers	10,79	31,05	30,91*
Sterling drafts on London	13,06	7,34	7,08
	−2,27	23,71	23,83

* Includes 501 paid by the issue to the Exchange Banks of 12 months' Indian Treasury Bills.
(b) Figures adjusted as explained in paragraph 7 of the Currency Report of 1915-16.
(c) Figures adjusted as explained in paragraphs 6 and 7 of the Currency Report of 1916-17.
(d) Figures adjusted as explained in paragraphs 6 and 7 of the Currency Report for 1917-18.
(e) Figures adjusted as explained in paragraphs 6 and 7 below.

3. A detailed exposition of the trade statistics of the year does not fall within the scope of this report and will be found in the Review of Trade published by the Director of Statistics; it will be sufficient to refer here briefly to the salient features of the year's foreign trade in their relation to the currency and exchange problems of the year. In the year under report India exported goods to the value of nearly 254 crores. Indian produce and merchandise accounted for slightly over 239¼ crores of this value, re-exports of foreign merchandise, returned at over 14½ crores, having been unusually large. In exchange India received from other countries goods to the value of 169 crores, so that the excess of exports of private merchandise over imports of the same was just under 85 crores. This excess, though substantially smaller than that recorded in the two preceding years, compares very closely with the excess recorded in the three years from 1910-11 to 1912-13. Under normal conditions, as indeed in the three years just mentioned, such an excess would have been adjusted, to a large extent, by importations of the precious metals on private account. But, for reasons which have been explained at length in previous reports, the normal method of liquidating the debts due to India could in the year under report, as in the preceding three years, not be brought into play. Indeed, the adjusted figures of the imports of gold and silver on private

account disclose an insignificant net import of gold and silver, respectively, of 2 lakhs and 6 lakhs. Due weight must be given to this absence of any import of the precious metals in any critical discussion of the absorption of metallic currency during the year and I refer to this factor in greater detail in a subsequent paragraph.

The effect of the restrictions on the movements of the precious metals has been, as was explained in my report for 1917-18, to throw a great share of the burden of financing exports on the alternative method whereby for the assistance of the export trade the Government releases funds in India against payment in London. Council Bills were accordingly sold to the extent of 30,91 lakhs, but in computing the net effect of this method of importing funds into India, account must be taken of the sales of sterling drafts on London; for these operate to reduce the net balance of such imports. As will be explained in a subsequent paragraph, a demand for these drafts set in in October 1918 when a collapse of the enemy's resistance seemed imminent as a result of the defection of Bulgaria, Turkey and Austria. The sales of these drafts amounted to over 7 crores, so that the net import of funds into India by means of Council Bills was reduced to 23,83 lakhs.

Finally there was a comparatively insignificant export of 70 lakhs of Government securities. The net result, then, is that the apparent balance in favour of India, as disclosed by striking a balance between the items which are taken into account in the statement above, was no less than 61,69 lakhs, a figure without precedent in the period covered by this statement. As a matter of fact, we shall find, when we take into consideration other factors, such as the release of rupee funds by Government by methods other than Councils, and the invisible imports, that this very large figure must be substantially reduced.

Exports.

4. Of the exports valued at Rs. 253·85 crores, shipments of Indian merchandise were valued at Rs. 239·29 crores. The pride of place falls this year to raw jute and jute manufactures shipments of which were valued at the record figure of 65,37 lakhs. Quantitatively the largest increase here is in raw jute, shipments of which expanded by 40 per cent., their value being nearly double that of the shipments of the previous year. Prices of raw jute, partly as a result of a shorter crop, and partly, too, in anticipation of a large world demand on the conclusion of hostilities, showed a remarkable advance. Shipment of jute goods in spite of an increase in value of 23 per cent. were, quantitatively, materially smaller than in the previous year; the yardage of gunny cloth showing a decline of 8 per cent., and the number of bags of 6 per cent. The next important group, falling, however, a long way behind the exports of jute and jute goods, is that represented by cotton and cotton manufactures of which shipments were valued at Rs. 45,10 lakhs, representing a decrease of nearly 11 crores as compared with the shipments of 1917-18. The decrease occurs almost wholly under raw cotton; for cotton twist, yarn and manufactures were returned at a slightly higher figure. Whereas in the case of raw jute the anticipation of a termination of hostilities helped to harden prices, in the case of raw cotton the effect was just in the opposite direction and the break in prices in November and December which continued till the end of the financial year accounts for the decline in the shipments in that period. Shipments of grain, pulse and flour, were profoundly affected by the failure of the south-west monsoon in June to September, which resulted in a practical loss of the *kharif* crops over a large area, and necessitated the imposition of severe restrictions on the shipments of wheat, rice and all food grains to foreign destinations. Exports of grain, pulse and flour fell by 34 per cent. to 40,07 lakhs, rice alone showing an increase; wheat shipments tailed off to just over 476,000 tons as against an export of nearly 1,500,000 tons in 1917-18, while equally marked reductions are observed in those of barley, gram and pulse. Tea (17,77 lakhs), seeds (11,22 lakhs), hides and skins, raw and tanned, (19,01 lakhs), were the remaining most important individual items. Of these seeds and hides and skins show substantial advances on the exports of the preceding year.

Imports.

5. Imports were valued at 169·03 crores. Though this figure represents an increase of over eighteen per cent. on the aggregate value of imports in 1917-18, it is probably the case that the volume of imports was substantially smaller than

in the preceding year. Thus, taking the important head of yarns and textile fabrics, which represent no less than 40 per cent. of the value of imports, a quantitative decline of nearly 30 per cent. is recorded under cotton piece-goods, of 50 per cent. under woollen piece-goods, and of 10 per cent. under silk piece-goods; yet the total group returns an increase in value of 15 per cent. Metals, iron and steel and manufactures thereof, show an increase of 60 per cent. in value, and a quantitative increase of 30 per cent. Imports of sugar on the other hand expanded in value by 2 per cent. and in quantity by 3 per cent. As has been remarked in previous reports an advance in prices in the case of imported articles has the effect of retarding and impeding the return of silver from up country by reducing the demand for these goods.

Imports and exports of treasure. Gold.

6. Certain adjustments are necessary in the figures of the net imports of treasure as disclosed by the statistical returns. These show the net exports of gold bullion at 2,49 lakhs, but this figure includes certain import and export transactions on behalf of the Bank of England which do not enter into India's trade account. With these excluded the value of the net import of gold bullion into India was 2 lakhs.

Silver.

7. The table in the margin shows the monthly imports and exports of silver on private account as furnished by the Statistical Department. There was an apparent net import of 1,02 lakhs, but the gross imports include 1,14 lakhs of dollar silver sent by the Straits Government for re-coinage at the Bombay Mint, while the exports represent 12 lakhs of re-coined dollars shipped to the Straits Government, and 6 lakhs worth of silver coin minted for the Egyptian Government at the Bombay Mint. These imports and exports do not affect the balance of trade. With these excluded there was, therefore, during the year under report, an import of 6 lakhs of silver only.

[In Lakhs of Rupees.]

Month.	Gross imports of silver.	Gross exports of silver.	Net imports.
April	61	1	60
May	1	...	1
June	34	1	33
July	21	3	18
August	...	2	—2
September	...	2	—2
October	...	3	—3
November	2	1	1
December	...	2	—2
January	1	2	—1
February	...	1	—1
March	...	...	...
TOTAL	120	18	102

The adjustment of the trade balance.

8. I now proceed to discuss the methods whereby the excess of exports over imports in the year under review was adjusted. A correction is necessary, as explained in the preceding paragraphs, in the figures published by the Department of Statistics of the imports and exports of treasure and a further adjustment is necessary for reasons which have been explained in paragraph 4 of Appendix I of Mr. Howard's report for 1913-14 in the trade figures of the imports of Railway plant and rolling stock. With these corrections the net trade balance in favour of India in 1918-19 amounted to just over 85¾ crores, arrived at as follows:—

	Lakhs.
Net exports of merchandise	85,86
Net imports of treasure	8
Balance	85,78

This figure represents the value of exports which was not liquidated by the shipment of goods or treasure to India. It is now necessary to consider the methods whereby foreign consumers of Indian goods were able to effect payment otherwise than by shipping to India goods or gold or silver. In addition, India exported 70 lakhs worth more of Government securities than she imported and this amount must be added to the balance in her favour which had to be liquidated.

Remittance through Government.

9. A considerable portion of the funds required for the purpose of financing these exports was found through the agency of Government. As in the previous year so in 1918-19 the necessity for selling Council Bills arose not from any requirement by the Secretary of State for additions to his sterling resources but

simply from the insistent demand from the trade for finance for exports. To meet this demand there were sold in the year under review 30,91 lakhs of Council Bills but for the purposes of the adjustment of the balance of trade this amount must be reduced as explained in paragraph 3 above by the amount of sterling drafts sold on London. The net amount then of rupees thus released by Government through Councils was 23,83 lakhs.

The remittance of funds to India through Councils is, however, only one of the methods whereby, during the year under review, finance was found through Government agency in connection with exports. Remittances through the Post Office by means of postal money orders, though not as abnormally heavy as in the previous year, resulted in the disbursement from Indian treasuries of 4,96 lakhs. Under arrangements with certain Colonial Administrations, mainly on behalf of East Africa, various sums, amounting in all to 4,32 lakhs, were paid out by the Indian Treasury to Banks or firms in India to provide funds for the payment of goods exported to those destinations, repayment being made to the Secretary of State in London. Payments in India on behalf of the Federal Reserve Board of New York under the arrangements described in paragraph 10 of my report of 1917-18 amounted to 16 crores. Telegraphic transfers drawn on India from Persia and Mesopotamia totalled 15,56 lakhs. Once again, as in the preceding year, not an inconsiderable portion of the exports to Australia was financed from rupees paid out by Government in discharge of bills drawn on them against stores or Australian produce purchased on their behalf for the use of their troops, and as these stores do not, because they were imported on Government account, appear in the trade statistics, while the exports shipped from India in exchange of these imports are so included, these transactions must be specially accounted for; the payments in India for this purpose amounted to 3,77 lakhs. In the aggregate, then, the amount of the funds released by the Government in India in favour of the trade against payment outside India amounted to 44⅔ crores: and this figure must be added to the net amount, namely 23,83, lakhs which was remitted to India through Council Bills. The remittances of funds to India through Government agency thus totalled 68½ crores and served to adjust the excess of exports over imports which, as shown above, amounted to 86·48 crores. The balance namely 18 crores, in so far as it was not adjusted by invisible imports, represents the credits in foreign countries due to India on private account.

Private Remittances.

10. The invisible imports are, of course, not susceptible of an approximate estimate, even under normal conditions, and are even more difficult to gauge when a fluctuating exchange with the attendant possibility of a higher sterling equivalent disturbs the normal flow of remittance homewards on private account. Normally, as has been explained in previous reports there is a demand for sterling from firms and individuals who have payments to make abroad for such purposes as investment, payment of dividends, profits, and insurances, home charges, etc. Such remittances will naturally pass through the hands of the Exchange Bank in whose returns they appear as sales of sterling. As I explained in paragraph 11 of my report for 1917-18 the six British Exchange Banks whose operations have since 1917 been regulated by a working agreement with the Secretary of State furnish to Government certain returns of their transactions in sterling; and it is possible from these returns to gauge the tendency, and, very roughly, the extent, of these private remittances. In the first six months of the year the sales of sterling of these six Banks fell short of their purchases by over £12 millions: in the second half the sales exceeded the purchases by over £10 millions. Even more striking is the variation in the sales of sterling in the two half-yearly periods: the sales in the second half exceeded the sales in the first half by nearly £14½ millions. If the transactions of these six Banks can be regarded as an index of those of all Exchange Banks, it is a reasonable inference that, as was surmised in my report for 1917-18, private remittances have not in recent years served to the same extent as under normal conditions to finance the excess of exports over imports and that there is a substantial balance in India's favour which has still to be liquidated.

II.—Price of Silver.

11. I give in the margin the highest and lowest as well as the average quotations in London and New York of silver in each month of the year. The history of the year's silver prices can be very briefly summarised. It was only during the first three weeks of April that there was any open market in silver: for, with the passage into law on April the 22nd of the Pittman Act a 'control' basic price of 1 dollar per ounce fine was established. Such fluctuations as the marginal statement discloses arise from reductions in freight and insurance. The control basic price was raised to 101½ cents per ounce on August the 16th, the increase representing Mint and certain other charges involved in the breaking down of the United States dollars for delivery to India and other countries admitted to the benefit of the scheme for the utilisation of the dollar reserves of the United States of America.

Price of Silver.

Price of bar silver per ounce.

—	London.			New York.		
	Highest.	Lowest.	Average.	Highest.	Lowest.	Average.
	d.	d.	d.	Cents.	Cents.	Cents.
April .	(24th to 30th) 49½	(8th to 10th) 45½	47 7/16	(24th and 25th). 99¾	(8th to 10th). 91¾	95½
May .	(1st) . . 49½	(13th to 31st) 48¾	49	(1st) 99½	(2nd to 31st). 99½	99½
June .	(throughout the month). 48¾	(1st to 30th) 48¾	48¾	(1st to 30th). 99½	(1st to 30th). 99½	99½
July .	(do.) 48 13/16	(1st to 31st) 48 13/16	48 13/16	(1st to 31st). 99½	1st to 31st). 99½	99½
August .	(21st to 31st) 49½	(1st to 20th) 48 13/16	49 1/16	(19th to 31st). 101½	(1st to 17th). 99½	100 9/32
September	(1st to 30th) 49½	(1st to 30th) 49½	49½	(1st to 30th). 101½	(1st to 30th). 101½	101½
October .	(1st to 31st) 49½	(1st to 31st) 49½	49½	(1st to 31st). 101½	(1st to 31st). 101½	101½
November	(1st to 11th) 49½	(12th to 30th) 48¾	49	(1st to 30th). 101½	(1st to 30th). 101½	101½
December	(1st to 5th) 48¾	(6th to 31st) 48 7/16	48½	(1st to 31st). 101½	(1st to 31st). 101½	101½
January .	(1st to 31st) 48 7/16	(1st to 31st) 48 7/16	48 7/16	(1st to 31st). 101½	(1st to 31st). 101½	101½
February	(1st to 10th) 48 7/16	(20th to 28th) 47¾	48	(1st to 28th). 101½	(1st to 28th). 101½	101½
March .	(28th) . . 50	(1st to 24th) 47¾	48 5/32	1st to 31st). 101½	(1st to 31st). 101½	101½

The London price of silver was stabilised by a Treasury regulation dated the 9th August and published on the 13th idem under the Defence of the Realm Act, fixing a maximum of 48 13/16*d.*, which was, for the reasons already mentioned, subsequently raised to 49½*d.* per standard ounce. The enhancement on the 28th March 1919 of this rate to 50*d.* followed on the 'unpegging' of the London—New York exchange, the Treasury regulation being amended so as to provide that the maximum price for silver in London should be the equivalent of 101½ cents at the current rate of exchange for the day.

As I explained in paragraph 13 of my report for 1917-18, the fluctuations in the price of silver in the Indian bullion market have since the closing down of imports into and exports from India, followed a course of their own and do not now reflect the tendencies outside India. The highest point reached for foreign bar silver in the year namely Rs. 117-2 *ex* duty was recorded on the 6th May, and the lowest Rs. 82-10 on the 28th November. Throughout October, November and December the price re-acted to the poorness of the agricultural outlook; but subsequently recovered. From the currency point of view greater significance attaches to the price of country silver, as when this price rises substantially above Rs. 109 per 100 tolas the melting of rupees becomes theoretically a profitable transaction. Country silver was sold at above the rupee melting point until the end of September when supplies began to come down to the Bombay market and the price fell, steadily reaching its lowest point in November. Thereafter, as in the case of foreign silver, there was a recovery in the price; and at the close of the year country silver was quoted at Rs. 113.

The rupee coinage of the year amounted to 50,79 lakhs involving 190½ million ounces of standard silver. In addition to the silver obtained from America under the Pittman Act, there were purchased in America 59 million ounces, in Australia 9 million ounces and from the East 8 million ounces. The Bawdwin mines of which the output is under arrangement between the Secretary of State and the Burma Mines Company entirely reserved for the use of the Government of India supplied 2 million ounces.

III.—Exchange and Councils.

Council Drawings.

12. As has already been observed, the first six months of the year saw a strong demand for rupee exchange, and this demand is reflected in the monthly figures, quoted in the margin, of the sales of Council Bills. These sales were limited to the period from April to November, for, as already explained, with the cessation of hostilities, the demand for Councils ceased towards the end of October, and no sales took place in the later months of the year. The aggregate payments of the year reached the figure of 30,91 lakhs—a figure considerably smaller than that reached in 1917-18.

[In lakhs of Rs.]

	Drawings.	Payments.
April	4,95	4,35
May	6,00	5,98
June	5,22	5,09
July	5,35	5,75
August	3,10	4,53
September	2,26	2,48
October	1,74	2,59
November	3	14
	28,65	30,91

The year opened with a weekly allotment of 60 lakhs: this allotment was maintained until the 2nd August, when for two weeks the allotment was reduced to 40 lakhs, and, subsequently, to 30 lakhs till with effect from the 22nd October the regular weekly sales were discontinued. The total amount of the regular weekly sales was 15,50 lakhs. In addition there were allotted, at different times and in some cases for continued periods during this year, special councils as follows :—

	Lakhs.
(*i*) For the financing of the Royal Commission's wheat and rice export bills.	4,21
(*ii*) For the financing of exports of tea from Ceylon . . .	1,82
(*iii*) For military and other disbursements in connection with Persia	1,94½
(*iv*) For the purpose of liquidating the overbought positions of the Exchange Banks (493½) and the Bank of Bengal (7½).	5,01

No comment is called for with reference to the first three items just mentioned. The fourth item calls for explanation. Under an agreement with the Secretary of State, the six British Exchange Banks undertook to devote their resources to the fullest extent possible to the financing of war exports, and in return received a guarantee that such funds as might in discharge of this undertaking be transferred to London in excess of remittances in the opposite direction would be retransferred to India through Council Bills at the rate at which the overbuying had taken place. A beginning was made in the year under review of the retransfer to India of the funds so transferred by the Exchange Banks; and Council Bills to the extent of 493½ lakhs were accordingly sold. These, however, were paid to the Exchange Banks in the form of 12 months Treasury Bills to be renewed till a year from the signing of peace had elapsed but the Banks were allowed the option to tender these bills in payment of their subscription to the Loan.

Reverse Councils.

13. From October 1918 till the end of the year the demand for rupees was not in excess of the supply of rupees which the trade and others were seeking to convert into foreign currency, so that the Banks found it unnecessary to resort to Council Bills to supply themselves with rupee exchange. On the contrary the flow of rupees seeking conversion into sterling currency was such as to cause a demand for Reverse Councils. These were first sold on November the 14th when against an offer of £1 million tenders to the amount of £4,870,000 were received. The offer was consequently raised to £2 millions and remained at that figure for two weeks, being reduced on the 5th December to £1 million. The total amount of Sterling sold from the 14th November 1918 to the 31st March 1919 was £5,315,000 distributed as shown below.

(In thousands £.)

	Calcutta.	Bombay.	Madras.	Total.
Deferreds	1,809	2,174	69	4,052
Immediates	884	379	nil	1,263
TOTAL	2,693	2,553	69	5,315

14. The year opened with a rate of 1*s.* $4\frac{29}{32}$*d.* for Deferred and 1*s.* 5*d.* for Immediate transfers. These rates were in force until the 11th April when, as a result of the agreement with the United States of America for the release of the Dollar Reserve silver, they were advanced respectively to 1*s.* $5\frac{27}{32}$*d.* and 1*s.* 6*d.* These rates remained in force until the close of the year. Rate of Exchange.

The rates for Reverse Drafts on London were fixed at 1*s.* $6\frac{1}{32}$*d.* for Deferreds and 1*s.* $5\frac{31}{32}$*d.* for Immediates from the 11th April.

IV.—The Government Balances and Reserves. Ways and Means.

15. The usual details regarding the Treasury Balances, the Gold Standard and the Paper Currency Reserves will be found in Statements Nos. I and II appended to the Report. A summary of these details is given in the following table which sets out the amounts and the distribution of these balances at the commencement and the close of the year and also at the end of September 1918.

[In thousands of £]

		1st April 1918.			30th September 1918.				31st March 1919.			
		India.	England.	Total.	India.	England.	U.S.A.	Total.	India.	England.	U.S.A.	Total.
Treasury		15,325	10,625	25,950	18,433	7,824	...	26,257	17,299	8,715	...	26,014
Paper Currency Reserve	Silver	7,194	...	7,194	13,284	...	5,308	18,592	21,568	...	3,360	24,928
	Gold	17,900	450	18,350	13,588	82	...	13,670	11,580	82	...	11,662
	Securities	6,667	34,319	40,986	6,667	50,660	...	57,327	10,720	54,999	..	65,719
Gold Standard Reserve	Gold	...	...	...	...	...	..	...	...	...	...	...
	Securities	...	28,453	28,453	...	29,308	...	29,308	...	29,729	...	29,729
	Cash placed at short notice	...	6,000	6,000	...	6,001	...	6,001	...	6,016	...	6,016
Total Gold in P. C. R. & G. S. R.		17,900	450	18,350	13,588	82	...	13,670	11,580	82	...	11,662

16. The above figures give a general indication of the effect on the resources of the Government of India of their ways and means operations of the year. The main features of these will be best appreciated by the following very brief summary of the transactions of the year. Outgoings amounted to just over 236 crores accounted for mainly as follows :— Indian ways and means transactions.

	In crores.
(*a*) Army, Military Works, and Marine issues (net)	167·25
(*b*) Post Office issues (net)	6·86
(*c*) Council Bill payments	30·91
(*d*) Payments on behalf of certain Colonial Governments	4·65
(*e*) Payments on behalf of the Federal Reserve Board of New York	16·01
(*f*) Remittance of gold to the United States Treasury in part payment of Pittman silver	3·08
(*g*) Ways and Means Advances from Presidency Banks (net discharged)	4·00
(*h*) Post Office Cash Certificates (net discharged)	·69
(*i*) Treasury Bills (net discharged)	·71
(*j*) Loans by Government	1·99
	236·15

and the finance for these transactions was provided for in the following ways.

	In crores.
(1) From excess of Civil Revenue over Civil Expenditure	35·60
(2) From excess of Railway receipts over issues	27·66
(3) By borrowings—	
(a) Indian War Loan	56·31
(b) From Paper Currency reserve by issue of Indian Treasury Bills	6·08
(4) By remittances to India of Silver—	
(a) Purchased by the Secretary of State	22·60
(b) Purchased under the Pittman Act	50·81
(5) By receipts from sales of sterling drafts on London	7·08
(6) By transfer of Home Treasury Balances through investments in British Treasury Bills—	
(a) for payment of Council Bills	21·52
(b) for general Treasury purposes	9·50
	237·16

A full account of the Indian ways and means operations of the year has been given in paragraphs 26 to 30 of the Narrative of the Hon'ble Finance Member introducing the Financial Statement for 1919-20, and I need here only refer very briefly to a few of the items in the above summary. The payments, amounting to 16 crores, on behalf of the Federal Reserve Board of New York, served a twofold purpose. In the first place, as already explained in paragraph 9 above, they operated to release Government funds for the assistance of trade :.and in the second place the dollar equivalents thereof were applied towards the liquidations of the sums due to the United States Treasury for the silver transferred to the Government of India under the Pittman Act. In addition, as shewn in item (*f*) above a remittance of 3,08 lakhs in gold was made to America for the same purpose. It will also be noticed from paragraph 19 that a sum of £24 millions was paid from the Home balances by the Secretary of State to His Majesty's Government in further discharge of the payments due to the United States Treasury in the same connection. In all, then, by the end of the financial year, there were paid £36¾ millions towards the cost of the Pittman silver, while, on the other hand, the amount of such silver for which credit has been taken in the year's account, amounts to Rs. 50·81 crores.

Mention should also be made here, of the Ways and Means advances from the Presidency Banks. These transactions consist (1) of a loan of 4 crores from the Bank of Bombay taken in the previous year which was finally discharged in the year under review and (2) of loans of 10½ crores from the Bank of Bombay and of 7 crores from the Bank of Bengal in the current year. These latter were liquidated before the beginning of the busy season.

Indian Treasury Bills.

17. It will also be convenient to deal at this stage with the more important statistics and features connected with Treasury Bills. Save for the two and half months from June to the middle of September when the loan operations were in progress, recourse was had to the sales of these Bills for ways and means purposes and I give below the monthly figures of sales and discharges.

Sales and Discharges of Treasury Bills.

[In thousands of rupees.]

	Sales 1918-19.					Discharges 1918-19.
	3 months.	6 months.	9 months.	12 months.	Total.	
April	5,36,95	2,49,70	1,16,35	4,45	9,07,45	12,13,20
May	13,86,10	2,05,70	1,81,20	1,32,25	19,05,25	8,98,20
June	2,72,60	...	...	1,28,00	4,00,60	10,43,85
July	...	...	...	1,60,00	1,60,00	7,71,30
August	...	...	...	78,00	78,00	19,91,20
September	...	10,96,80	76,20	84,85	12,57,85	3,41,20
October	...	4,13,65	29,85	30,30	4,73,80	3,22,45
November	1,55,85	98,55	6,40	19,95	2,80,75	4,37,40
December	76,30	51,75	21,60	26,45*	1,76,10	1,02,05
January 1919	68,90	29,45	57,45	1,19,55†	2,75,35	1,25,85
February ,,	1,19,60	1,65,05	5,63,45	12,60	8,60,70	2,97,55
March ,,	3,13,85	8,99,40	6,86,85	33,10	19,33,20	11,75,50
TOTAL	29,30,15	32,10,05	17,39,35	8,29,50	87,09,05	87,19,75

* Excludes 280 lakhs issued to the Paper Currency Reserve.
† Excludes 360 lakhs issued to the Paper Currency Reserve.

The total sales to the public amounted to Rs. 87,09,05,000, while there were discharged Bills amounting to Rs. 87,19,75,000,—the result being a small net discharge of about 11 lakhs. On the 31st March 1919 there were out-standing about 43½ crores of Treasury Bills. These exclude twelve months bills of the nominal value of 6,40 lakhs issued to the Paper Currency Reserve as explained in paragraph 28 of the Narrative of the Hon'ble Finance Member.

The following are the rates at which the different maturities of Treasury Bills have sold since their introduction :—

Issue price per cent. of Treasury Bills.

Dates.	3 months.	6 months.	9 months.	12 months.
October 16th, 1917	No sale	97 9	96 4	95 0
November 1st, 1917	No sale	97 9	96 0	95 0
January 14th, 1918	98 12	97 8	96 0	95 0
May 13th, 1918	98 14	No sale	No sale	No sale
June 1st, 1918		No sale	to the public.	
September 17th, 1918	No sale	97 12	96 6	95 2
November 12th, 1918	98 14	97 9	96 4	95 0
January 27th, 1919	98 12	97 8	96 0	95 0
February 17th, 1919	98 12	97 6	96 0	95 0
March 17th, 1919	98 14	97 9	96 7	95 0
March 31st, 1919	99 0	97 13	96 12	95 3

Treasury Balances in England

18. The transactions in England will, of course, be largely a counterpart of the Indian transactions. The year opened with a balance in the Home Treasury of £10,625,000 which gradually increased till by the end of May it had reached over £16,660,000. Thereafter, mainly on account of the payments for the Pittman silver, payments in connection with India's financial contribution to the war, and the drawings from India on account of Reverse Councils the balance fell till at the close of the year it stood at £8,700,000. The lowest point reached, *viz.*, £6,307,000 was at the end of October.

19. In Statement II appended to this report will be found a summary of the cash transactions of the Secretary of State. The net sterling charges against

revenue amounted to £20⅘ millions while capital transactions resulted in the discharge of debt amounting to £2,031,900. The purchase of silver resulted in disbursements of £43,686,700, of which £24,037,900 represent payments for Pittman silver. Payments to His Majesty's Treasury on account of India's financial contribution to the war amounted to £33,415,000. Towards the financing of these transactions the Home Treasury received £82,879,600 on account of disbursements in connection with the war made in India while the net sterling proceeds of the sale of Council drafts, after deduction of the payments on account of sterling drafts drawn from India during the period of weak exchange referred to in paragraph 13 above yielded £15,811,300.

Paper Currency Reserve.

20. The silver balance in the Paper Currency Reserve fluctuated greatly during the year and the history of the events connected with these fluctuations is detailed in the section of this Report which deals with the absorption of rupees.

The year opened with a silver balance of about £7·2 millions, bullion included. With the promulgation of Ordinance I of 1918 on the 15th April, subsequently re-enacted as Act XII of 1918, it became possible to hold as part of the Currency Reserve silver held by the Secretary of State in America or in transit therefrom. The resulting effect was to increase the silver balances which at the end of April stood at £9·15 millions. The improvement thus shown was maintained throughout May which closed with a balance of £10·37 millions; but June saw a relapse, the balance falling to £9·96 millions at the end of that month. Thereafter with the continuous large transfer of the Pittman silver, the silver balance showed further increases till at the close of the year it stood at £24·93 millions.

The gold balance of the Paper Currency Reserve on the opening day of the year was £17·9 millions, but fell to £11·58 millions at the end of the year. The reduction was due to the following causes. There issued principally in connection with the wheat and cotton crops, to supplement the shortage of silver coin £3 millions, while exchanges with Native States of gold for silver amounted to a further £·6 millions. As already explained, a remittance of £2 millions was made to America in part payment for the Pittman silver, while gold to the extent of £·37 million was released at Home in exchange for silver received from His Majesty's Treasury.

The securities held in the Paper Currency Reserve increased from £40·98 millions to £65·72 millions and, save in respect of £4·05 millions invested in Indian Treasury Bills, the additions were all in the form of British Treasury Bills. These additional investments were authorised by Act VI of 1918 and Act II of 1919, raising in all to £66·67 millions the total amount of admissible investment. Consols of the nominal value of £1·63 millions were sold during the year and the sale proceeds supplemented by transfers from the Depreciation Fund were invested in British Treasury Bills. Details of the composition of the Reserve will be found in Statement III.

The Gold Standard Reserve.

21. The fluctuations in the Gold Standard Reserve resulted in an increase in the holding of securities from £28,453,000 to £29,729,000. This increase was solely due to the accumulation of interest on the securities held in the Reserve, as there was no transfer to it as profit on coinage. Details of the balance in the Reserve and of the securities held therein will be found in Statement XXII.

V.—The Presidency Banks and Money conditions in India.

22. Conditions in the money market during the year under report were in many respects similar to those described in paragraph 22 of my report for 1917-18. The Government was again, as will have been gathered from the previous section, continuously in the market as a borrower, first through Treasury Bills, then through the Second Indian War Loan, and finally, on the closure of the Loan, again through Treasury Bills; while a new feature is to be found in the large Ways and Means borrowings from the Presidency Banks in July and August. Nevertheless there was again as in 1917-18, a marked steadiness in the Bank rate; for the borrowings by Government were returned almost at once to the market through the heavy expenditure connected directly with the war and through the disbursements by Government in the form of Council Bills and other remittances required for trade purposes. I ought, however, to notice at this stage that there were observable

signs of slackening in the rapidity with which the sums disbursed by Government were again returned to the market. This slackening was more observable in the latter half of the year, when after the conclusion of hostilities, a period of uncertainty set in. Among the causes to which may be attributed the absence of stringency in the money market there should probably be included the control exercised by Government on fresh capital issues. This control was maintained through the operation of Act XII of 1918 which required the previous sanction of the Government of India to any new flotation, and to the public issue of new shares and debenture capital by any existing joint stock company. Such sanction was ordinarily granted in cases when it was shown that the new or enlarged venture was directly connected with industrial enterprises likely to assist in the production of goods required for the prosecution of the war.

On the other hand, as will be observed from a later paragraph, the cash balances of the Presidency Banks were throughout the year markedly lower than in the previous year. In explanation of this contrast it should be observed that there were no large importations of gold such as, as explained in paragraph 24 of my report for 1917-18, helped to swell the cash balances of the Exchange Banks, and, through them, the balances of the Presidency Banks.

23. The following table gives the usual statistics of the Government balances at each of the three Presidency Banks on the last day of each month of the last three years, and I have added to the statement a column to show the statistics of the balances in Reserve Treasuries on the same dates :— Government Balances at the Presidency Banks.

[In lakhs of rupees.]

Reserve Treasuries Balance.			Last day of month.	1916-17.			1917-18.			1918-19.		
1916-17.	1917-18.	1918-19.		Head-quarters.	Branches.	TOTAL.	Head-quarters.	Branches.	TOTAL.	Head-quarters.	Branches.	TOTAL.
1,85	82	4,55	April .	2,09	2,77	4,86	11,38	4,41	15,79	3,76	2,79	6,55
1,74	4,08	1,58	May .	2,21	2,63	4,84	14,81	5,41	20,22	9,13	2,66	11,79
3,53	5,53	2,35	June .	3,95	2,97	6,92	15,68	6,97	22,65	9,87	4,39	14,26
4,75	8,88	1,14	July .	4,93	2,90	7,83	9,31	6,84	16,15	3,48	4,22	7,70
4,37	7,73	2,19	August .	3,72	2,90	6,62	2,29	6,41	8,70	3,26	4,15	7,41
5,28	2,93	2,52	September	2,60	2,75	5,35	2,07	6,50	8,57	13,94	4,66	18,60
4,05	3,32	1,02	October .	2,70	3,12	5,82	6,18	3,09	9,27	5,79	3,97	9,76
3,68	3,54	82	November .	2,53	2,74	5,27	4,41	2,97	7,38	4,47	2,59	7,06
3,11	3,54	78	December .	2,41	2,79	5,20	4,94	2,80	7,74	5,77	2,90	8,67
4,34	3,78	1,72	January .	2,73	3,16	5,89	8,31	3,06	11,37	3,98	3,17	7,15
4,96	4,39	1,68	February .	2,23	3,30	5,53	9,79	3,28	13,07	6,01	3,57	9,58
4,58	2,43	3,58	March .	5,95	4,17	10,12	9,56	3,40	12,96	11,81	3,33	15,14
3,85	4,25	1,99	Average .	3,17	3,02	6,19	8,23	4,59	12,82	6,77	3,53	10,30

Attention will be directed to the low average of Government funds in Reserve Treasuries. As a result of the policy, referred to in paragraph 23 of my report for 1917-18 of placing with the Presidency Banks Government balances to the largest possible extent, the year in question saw a reduction in the average amount retained in the Reserve Treasuries to just under 2 crores ; while the average of the Government balances left with the Presidency Banks amounted to 10,30 lakhs. Generally speaking, Treasury balances in 1918-19 were on the whole lower than in 1917-18, particularly in the months of June, July and

August and it is this cause which accounts for the lower average retained in 1918-19 with the Presidency Banks. So far as the Reserve Treasury balances are concerned, these are probably not capable of further reduction, for they are needed for resource operations with district Treasuries where no Branch of a Presidency Bank is yet in existence, and it ought to be observed that the business of transferring to the Presidency Banks the main portion of the balances in Reserve Treasuries has been facilitated by the arrangements now in existence under which the sales of Council Bills by the Secretary of State are subject to a fixed limit of amount. A return to the normal system of sales of Councils, and of 'Specials,' might conceivably necessitate a reversion to the previous practice of retaining in Reserve Treasuries a larger amount of the Government funds unless, of course, there should, in the meantime, come about a development and expansion of the Presidency Banks' banking system.

Cash Balances of the Presidency Banks.

24. Among other advantages which have resulted from the policy of retaining the bulk of the Government funds with the Presidency Banks has been the stabilisation of money rates. This result has also been furthered by the sale, continuously throughout the year, save during the Loan operations, of Treasury Bills. This aspect of the case was referred to in paragraphs 23 and 24 of my report for 1917-18 and the progress of events during the year under report affords further illustration of this tendency. I give, in the first place, the usual statement of the cash balances of the three Presidency Banks in the last week of each month of the year.

(In lakhs of Rs.)

Cash balances on the last week of	Bank of Bengal.		Bank of Bombay.		Bank of Madras.		TOTAL.	
	1917-18.	1918-19.	1917-18.	1918-19.	1917-18.	1918-19.	1917-18.	1918-19.
April	11,86	9,03	5,72	6,47	3,36	3,83	20,94	19,33
May	12,59	11,00	9,24	7,32	3,65	3,52	25,48	21,84
June	14,96	12,91	10,02	6,58	4,33	3,67	29,31	23,16
July	16,37	15,24	11,39	9,49	4,14	3,60	31,90	28,33
August	15,13	15,34	16,79	14,03	4,45	4,43	36,37	33,80
September	16,99	11,62	20,31	12,60	5,28	4,04	42,58	28,26
October	17,09	10,10	24,97	9,59	5,20	3,34	47,26	23,03
November	17,15	8,92	20,85	6,70	5,22	2,70	43,22	18,32
December	14,55	8,11	13,99	5,73	4,96	2,71	33,50	16,55
January	12,66	8,32	11,74	5,39	4,49	3,04	28,89	16,75
February	10,91	9,11	10,51	5,29	3,84	3,30	25,26	17,70
March	9,37	8,79	6,62	7,21	3,26	3,96	19,25	19,96

I have already referred to the main cause accounting for the diminution in the cash balances of the Banks throughout the year, as compared with the corresponding dates in 1917-18. The monthly fluctuations were due to the usual seasonal causes. In April and May there was a strong demand for cash in Bombay in connection with the financing of the Broach cotton crop: and to meet this demand, and to obviate its reacting on money conditions generally, Government funds were during this period transferred to a considerable extent to that centre. April maturities of Treasury bills in Bombay were specially heavy, the trade having obviously invested in three months' bills in the earlier part of the year, so as to make full use of their resources at a time when they were not required for trading purposes, in the knowledge that these investments would be convertible into cash when the cotton crop came down. The wheat export season did not create the demand for finance which might have been expected partly because, owing to the currency difficulties, the requirements of the Royal Commission for wheat supplies were substantially reduced. Between June and August the cash balances of the three Banks showed the increase which is expected at a time of slackness. The demand for finance in connection with jute is reflected in the drop in the cash balances of the Bank of Bengal in September: indeed from that month onwards, despite the unpromising agricultural outlook, there was a steady decline in the balances of the three Banks. High prices, and the great demand for foodstuffs

in the areas affected by the failure of the monsoon no doubt account for these demands on the money market. In particular in the last three months of the year funds were in urgent demand for moving the Burma rice crop to Western India and Madras which were known to be largely dependent on this crop for their food. The financing of this crop is largely effected from Calcutta through the Bank of Bengal and to ease the strain on its resources that institution applied for and took a loan from Government on the 22nd January which was repaid a fortnight later.

Bank rate.

25. As regards Bank rates these were at 6 per cent at the beginning of the year, the rate at Madras being one per cent higher. The Banks of Bengal and Bombay reduced their rates to 5 per cent on the 23rd May and maintained them at this figure until the 7th November, when they were raised to 6 per cent and to 7 per cent on the 16th January. The next variation was not till the 27th March when both these Banks brought their rates down, to 6 per cent. The rate of the Bank of Madras was reduced to 6 per cent on the 5th August and rasied to 7 and 8 per cent on the 10th November and the 20th January respectively. The following table shows for each of the years 1917-18 and 1918-19 the maximum and the minimum rates of each of the Banks and the number of changes in the rate :—

Presidency Bank.	Maximum.		Minimum.		Number of changes in Bank rate.	
	1917-18.	1918-19.	1917-18.	1918-19.	1917-18.	1918-19.
Bank of Bengal .	6	7	5	5	2	4
Bank of Bombay .	6	7	5	5	2	4
Bank of Madras .	8	8	6	6	3	3

Movement of funds (a) through Currency.

26. The movement of funds through Currency will appear from the following statement which shows the issue of Currency Transfers for each month of the year in each circle. There was a very marked expansion in these movements, the aggregate value of transfers having advanced from 39,19 lakhs to 55,13 lakhs. All circles except Rangoon share in the increase; and, as usual, the Bombay circle was the chief source from which funds were distributed to other centres.

(In lakhs of rupees.)

Currency T. T. issued from Circle.	April.	May.	June.	July.	August.	September.	October.	November.	December.	January.	February.	March.	Total.
Calcutta . . .	3,31	63	70	1,04	1,07	1,90	1,40	96	1,94	2,89	1,03	65	17,72
Cawnpore . .	18	9	9	9	12	6	...	45	34	6	1	1	1,50
Lahore . . .	24	5	1	9	22	13	15	12	5	18	22	6	1,52
Bombay . . .	1,73	2,10	2,67	1,36	1,22	3,07	2,98	84	1,74	3,65	4,12	3,00	28,48
Karachi . . .	1,43	65	28	26	37	19	22	26	25	35	33	47	5,06
Madras . . .	...	...	...	...	...	10	28	26	4	13	2	2	85
Rangoon . . .	...	...	...	...	...	...	...	...	...	...	...	...	
Total .	6,89	3,52	3,75	2,84	3,00	5,45	5,03	2,89	4,36	7,26	5,73	4,41	55,13

(b) Through Treasury and Currency.

27. As will be seen from Statements IV and V, the total movement of funds through Government agency, *i.e.*, through Treasuries as well as through Currency offices, amounted to just over 100 crores. Statement IV shows the movements between Provinces: these amounted to 59 crores. The transactions within the Provinces are shown in Statement V and amounted to 41 crores.

Clearing House figures.

28. There has been a remarkable expansion of over 40 per cent in the totals of the clearances through the Clearing House, as will appear from the statement below. All centres show an increase, the largest being returned at Calcutta. In any estimate of the development of banking which these figures indicate, it must not be overlooked that the statistics of cheque clearances have in recent years been greatly affected by payments in connection with the War Loans and Treasury Bills; these are features which may not be repeated to the same extent in the financial transactions of future years. Further I also imagine that the recent substitution of monthly for annual settlements in the Bombay Cotton market may have served to swell the totals recorded for that centre. Nevertheless after allowing for all these causes it is reasonable to infer from the continuously growing figures which the record of the past five years' transactions reveal that substantial progress is being made with the use of cheques.

(In lakhs of rupees.)

Year.	Calcutta.	Bombay.	Madras.	Karachi.	Rangoon.	Total.
1914-15	2,66,95	1,57,83	18,81	11,62	43,12	4,98,33
1915-16	3,52,36	1,77,18	20,21	14,09	39,50	6,03,34
1916-17	4,92,89	2,62,28	25,29	17,36	50,68	8,48,50
1917-18	5,24,90	3,83,53	23,01	22,17	52,86	10,06,47
1918-19	7,41,13	5,69,46	25,45	22,30	73,85	14,32,19

VI.—Demand for the various forms of Currency.

Absorption or return from circulation of the various forms of currency.

29. The money conditions of the year are reflected in the demands for currency. The table below shows the nature of the additions made to the circulating media during the year and in each of the preceding five years.

(In lakhs of rupees.)

	1913-14.	1914-15.	1915-16.	1916-17.	1917-18.	1918-19.
(1) Silver—						
New rupee coinage	+9,51	..	...	+29,98	+23,12	+50,79
Increase (—) or decrease (+) in the Currency Reserve of rupees.	−4,08	−11,80	+9,28	+5,97	+6,68	−6,26
Transfer from or to the Gold Standard Reserve.	...	+6,00	...	...	...	...
Exports from India	...	−85	−69	−1,25	−1,62	−41
TOTAL SILVER	+5,43	−6,65	+8,59	+34,70	+28,18	+44,12
(2) Gold—						
Coinage in India	...	...	...	...	...	+5,11
Net imports of sovereigns (through Currency).	+9,49	−11	−3,33	−7	+9,03	+2,26
Increase (−) or decrease (+) in Currency Reserve of gold coin in India.	+6,94	+14,79	−4,60	+24	+2,42	−2,17
Transfer from or to the Gold Standard Reserve.	...	−7,86	+7,50	+20	+15	...
TOTAL GOLD	+16,43	+6,82	−43	+37	+11,60	+5,20
(3) Increase (+) or decrease (−) in the circulation of currency notes.	−2,86	−4,49	+6,10	+18,64	+13,42	+53,67
(4) Increase (−) or decrease (+) in Treasury balances.	+4,84	+1,24	+4,14	−4,92	−5	−2,98
GRAND TOTAL CURRENCY DEMANDS.	+23,84	−3,08	+18,40	+48,79	+53,15	+100,01

After distributing the increase in the Treasury balances among the different forms of currency the total absorption of each form will be as shown below :—

(In lakhs of rupees.)

	1913-14.	1914-15.	1915-16.	1916-17.	1917-18.	1918-19.
Gold	16,26	7,48	—40	1,37	11,64	5,21
Silver (rupees and half-rupees)	5,32	—6,70	10,40	33,81	27,86	45,02
Currency notes	2,87	—3,43	7,87	18,18	15,48	51,72
Bank and other balances	—61	—43	53	—4,57	—1,83	—1,94
	23,84	—3,08	18,40	48,79	53,15	100,01

30. The net absorption of each form of currency is set out in the following statement which exhibits the absorption or return in each circle during the busy and slack seasons. The figures given below refer only to Currency transactions and will accordingly differ from the figures given in paragraph 29, which include Treasury transactions. The Currency transactions are the best guide of the public's requirements of the different forms of currency. Net absorption of Currency by season in each circle.

(+ indicates absorption and — return from circulation.) [In lakhs of rupees.]

Circles.	Seasons.		Rupees.	Notes.	Gold coin.	TOTAL.
Calcutta	Slack	April to July	−2,36	+8,03	...	+5,67
	Busy	August to October	+4,32	+5,35	...	+9,67
	Slack	November to March	+3,70	−2,60	...	+1,10
		TOTAL	+5,66	+10,78	...	+16,44
Cawnpore	Busy	April and May	+1,90	+62	+74	+3,26
	Slack	June to September	+47	+21	−4	+64
	Busy	October to March	+3,62	+6,24	...	+9,86
		TOTAL	+5,99	+7,07	+70	+13,76
Lahore	Busy	April and May	+3,68	+1,77	+62	+6,07
	Slack	June and July	2,48	−1,33	+65	+1,80
	Busy	August to March	+7,77	+4,96	+10	+12,83
		TOTAL	+13,93	+5,40	+1,37	+20,70
Bombay and Karachi	Busy	April and May	+6,23	+3,94	+3,14	+13,31
	Slack	June to October	+2,05	+9,75	−28	+11,52
	Busy	November to March	+6,73	−55	−3	+6,15
		TOTAL	+15,01	+13,14	+2,83	+30,98
Madras	Busy	April and May	+1,24	+2,28	+16	+3,68
	Slack	June to November	+16	+2,49	...	+2,65
	Busy	December to March	−73	+4,21	...	+3,48
		TOTAL	+67	+8,98	+16	+9,81
Rangoon	Busy	April	+34	+27	+14	+75
	Slack	May to August	−23	−63	...	−86
	Busy	August to March	+2,14	+7,29	...	+9,43
		TOTAL	+2,25	+6,93	+14	+9,32
		GRAND TOTAL	+43,51	+52,30	+5,20	+101,01

NOTE.—The above figures exclude 41 lakhs of rupees exported to Basra but include 7,62 lakhs remitted from the Bombay Circle to Basra in currency notes

Absorption of rupees.

31. I give in the margin the monthly figures of absorption of rupees and notes. The usual statistical details regarding the note circulation will be found in a subsequent section and, though in 1918-19 the normal seasonal interchange between these two circulating media was almost totally absent, a comparison of the absorption of silver and of notes still possesses significance.

(In lakhs of rupees.)

	Absorption (+) or return from Circulation (−) of		
	Rupees.	Notes.	Total.
April	+5,79	+4,05	+9,84
May	+5,47	+8,63	+14,10
June	+2,91	+2,49	+5,40
July	+1,52	+6,98	+8,50
August	+1,97	+9,99	+11,96
September	+2,84	+2,46	+5,30
October	+4,55	+3,56	+8,11
November	+4,68	+4,50	+9,18
December	+5,19	+6,29	+12,48
January	+4,79	+1,44	+6,23
February	+1,90	+1,79	+3,69
March	+90	+12	+1,02
Total	+43,51	+52,30	+95,81

Attention will at once be directed to the total absence of any reflow of rupees such as usually marks the slack season off from the busy season. Taking the weekly figures I may observe that in no fewer than 21 weeks the withdrawal of silver exceeded 1 crore and only in two weeks, *viz.*, the last week of June and the last week of March was the withdrawal of rupees less than the receipts. Taking the absorption by circles, once again the Bombay and Karachi circles head the list with an absorption of 15,01 lakhs, the Lahore circle came next with an absorption of 13,93 lakhs. A long way behind will be found the Cawnpore circle with an absorption of 5,99 lakhs. The Calcutta circle with an absorption of 5,66 lakhs stands next, while as regards Madras and Burma these were content with a comparatively small absorption of 67 and 2,25 lakhs respectively. The total absorption in the year was thus 43,51 lakhs. This excludes the absorption through the treasuries which amounted to the very high figure of 1,51 lakhs during the year, it having been found necessary to reduce the whole rupee balance in the Treasuries to strengthen the Currency Reserve.

Absorption of metal.

32. I may perhaps at this stage insert a table which groups together for a period of 10 years the actual absorption of metal whether in the form of currency or bullion. The significance of the figures in this table will be at once apparent, for no critical discussion of the causes of the heavy absorption in the year and no estimate of the extent to which the issues of rupees in 1918-19 passed into hoards or into the melting pot can overlook the very important effect caused on a country accustomed to the consumption of precious metals by the restrictions imposed on the movement into India of gold and silver necessitated by war conditions.

[In lakhs of rupees.]

	Private net Imports of Gold Coin and Bullion. 1	Private net Imports of Silver Coin and Bullion. 2.	Absorption of Rupees. 3.	Total of Columns 2 and 3. 4.	Total of Columns 1, 2 and 3. 5.
1909-10	21,67	9,36	13,22	22,58	44,25
1910-11	23,98	8,57	3,34	11,91	35,89
1911-12	37,77	5,29	11,54	16,83	54,60
1912-13	37,58	6,57	10,49	17,06	54,64
1913-14	23,32	6,24	5,32	11,56	34,88
1914-15	8,45	10,01	—6,70	3,31	11,76
1915-16	4,90	5,58	10,40	15,98	20,88
1916-17	4,20	—2,16	33,81	31,65	35,85
1917-18	3,09*	1,46	27,86	29,32	32,41
1918-19	2	6	45,02	45,08	45,10

* In addition, Rs. 18,37 lakhs of gold imported by private agency were acquired by Government.

If then we take together for a period of years the consumption in India of metal whether in the form of currency or bullion, we find that the abnormality represented by an absorption of over 45 crores is only apparent, for in 1911-12 and 1912-13 there was an even heavier absorption of bullion and currency while in 1909-10 the absorption of bullion and currency was comparable with that recorded in 1918-19. In 1918-19 the absorption in the form of currency was, it is true, considerably greater than in any previous year but the cause may be that owing to the inability of the community to obtain any other form of metal it resorted to the Currency Offices as the only source from which it could satiate its normal demand for gold and silver.

Currency crisis.

33. I now pass to a description of the very important events connected with the currency crisis of the year. It may at once be said that the possibility of such a crisis arising had been anticipated for some time and some of the remedial measures which it was thought possible to take in anticipation were referred to in paragraph 33 of my report for 1917-18. Nevertheless, it is at least doubtful whether any competent observer was prepared for the suddenness and extent of the crisis. The storm centre was in Bombay. On the re-opening of the Currency Office in April after the Easter holidays the silver balance at Bombay stood at 130 lakhs. Within 3 days this balance was reduced to 19 lakhs and it was clear that a crisis was imminent. It was staved off solely by the magnificient co-operation of the Mints and by the rapid transfer to that office of such surplus rupees as could be made available from Bengal and Central Provinces. Within 6 days no fewer than 187 lakhs were despatched from these areas to Bombay, while special measures were adopted at the Bombay Mint to accelerate the deliveries by dispensing with formalities. Simultaneously, however, difficulties arose in Madras and Rangoon. The former Currency Office closed on the 12th April with a balance of 1 lakh of silver after having issued 4 lakhs worth of sovereigns. In Rangoon actually on the same date one tenderer was refused silver. At both these places the situation was saved by the closing of offices on account of local holidays which rendered it possible to collect for issue thereat rupees lying at Treasuries and sub-Treasuries. At Calcutta, however, there was fortunately no trace of any abnormal developments. Doubtless the primary factor in the demand for silver at the time was the requirement of those engaged in the financing of the cotton crop and to a large extent at all times, and certainly at the outset almost entirely, the demand was legitimate and *bonâ fide*. It is, however, probably quite true that individual cotton traders being fully aware of the deficient stocks of silver were themselves anxious to make certain of the supplies which they needed and this anxiety must have been reflected in the demands made by them on the Currency Office. In explanation of this anxiety it must be remembered that a serious shortage of currency, though not previously unknown in Northern India was absolutely without precedent in Western India. The daily rise in the price of cotton again added to the anxiety of the trader to provide himself with the currency most acceptable to the seller. Nevertheless, these circumstances will not account entirely for the withdrawals at Bombay during the first fortnight in April for there were indications of panic encashment during this period. On the 11th April an abnormally large number of small tenderers presented themselves at the Currency Office to demand rupees. Rumours were abroad that the Government intended to close down the issues of silver with effect from the 15th April and the afternoon of the 12th April saw what looked very much like a run on the Currency Office. Matters were very much worse in this respect on the 13th April and it was not until the 16th that this excitement subsided. The position was complicated by the fact that the negotiations with America had reached a stage at which it was deemed inadvisable to permit any announcement being made and it was only natural that the public, who had only the bare record of the weekly currency statement to refer to and observed the regular and appreciable melting away of the silver metallic backing to the note issue, should have regarded the outlook as of the darkest and looked upon inconvertibility as imminent and unavoidable. The position, however, was distinctly relieved by the issue of the two communiqués on the 15th and 19th April. The first referred to the Ordinance which had just been promulgated and which made it possible for silver purchased in America and in transit

therefrom to be included as belonging to the Paper Currency Reserve. The second definitely announced that legislation had been introduced in America to enable transfers to be made to India of part of the American Silver Reserve. As a result of the first communiqué the statutory statement showing the silver holding of the Paper Currency Reserve exhibited an immediate increase of 4½ crores and this addition to the silver balances made a distinctly favourable impression on the situation. The second, foreshadowing the acquisition by India of 150 million ounces, had an even more marked effect in removing the note of anxiety which had characterised earlier appreciations of the situation and of the prospects lying immediately ahead. It was now known that the arrivals of silver were merely a question of transport and, therefore, of time, and the outlook of those who were charged with the administration of the Currency Offices underwent a visible, if not conscious, change.

In May the position remained critical at all points and there was some deterioration at Calcutta which had hitherto shown no evidence whatever of any panic. The demand in this month was most intense at Lahore. The Punjab wheat season was then in full swing and the demand for currency to finance this crop was naturally strong. Moreover the Government wheat purchases were at that time paid for entirely with notes and the notes so disbursed very soon found their way back to the Currency Office for encashment. The operation of these two factors threw a great strain on the Currency Office. On the 20th May the drastic step was taken of prohibiting the carriage of specie by rail on private account. The immediate effect of this measure was to cause at first an almost complete stoppage of large issues at Lahore and Madras. A further restriction was shortly afterwards introduced in the form of a prohibition on the transmission of specie by post. This measure followed almost directly on the prohibition of the carriage by rail, for no sooner nad the latter become known than Marwaris and traders proceeded to dump parcels of 440 tolas of silver at the post offices to be transmitted to destination. At one time at Bombay there were actually no fewer than 8 tons of such parcels awaiting despatch.

Meanwhile large quantities of silver amounting to 9,66 lakhs were on their way from America. Special measures were taken to expedite their transmission and a special ship, the R. I. M. "Northbrook" was despatched to meet the arrivals across the Pacific. Further relief was also provided by the issue of gold mohurs in part payment for the wheat purchases in the Punjab. The coinage of these gold pieces had begun in April when it was realised that the delay in the despatch to India of dies might result in the postponement until August of the issue of sovereigns coined in India.

Actually the lowest point reached in the silver coin balances was in the first week of June when these stood at 4,14 lakhs. On the 10th June the opening balance at the Currency Offices had fallen to 3½ lakhs in Calcutta, 2⅘ lakhs in Cawnpore, 12 lakhs at Lahore, 30 lakhs at Bombay, 19⅘ lakhs at Madras, and 10¾ lakhs in Rangoon. The position was saved by the splendid work by the Mints. Also the fact was generally known to the public that enormous shipments of silver were arriving and wide publicity had been given in the press to the arrival of these reinforcements from America. The turn of the tide came in the third week of June when the Currency coin balance rose to 4,74 lakhs while the fourth week actually saw a return of 16 lakhs bringing the closing coin balance on the 30th of June up to 5,65 lakhs with silver under coinage at 2,78 lakhs and in transit at 6,51 lakhs.

The events from June onwards, though less sensational, did not really bring about an improvement in the position. The arrival of the American silver and the steady purchases by the Secretary of State removed anxiety on the score of bullion, but rupees flowed out almost as fast as bullion could be

pushed through the Mints. The table in the margin shows the new coinage and the net absorption for each of the 12 months of the year. In July the issues at Bombay still averaged between three and six lakhs daily. At Lahore they were frequently from 5 to 6 lakhs. In August, however, the Bombay issues fell off but issues continued at Lahore and commenced at Calcutta which in the previous month had shown a net return of rupees of over a crore. In September the chief centre of absorption was in Calcutta. In October the position showed a deterioration due partly to the usual increase in issues which occurs at the close of the monsoon and partly to the fact that owing to the Puja holidays in Calcutta and the very serious influenza epidemic at Bombay the output at the Mints fell off considerably. In November all circles except Madras, Rangoon and Karachi, showed heavy issues and the absorption at Bombay began again to be on a large scale. In December the absorption was the highest on record, namely 6¼ crores and at Bombay no fewer than 53 lakhs were issued on one day alone.

1918-19.	New coinage.	Net absorption.
April	2,79	6,85
May	3,39	5,60
June	3,49	3,10
July	3,96	1,62
August	5,17	2,10
September	4,21	2,99
October	2,78	4,58
November	2,70	4,87
December	8,37	6,29
January	5,84	4,56
February	3,95	1,44
March	4,14	1,01

34. As regards gold coin the absorption as indicated below amounted to 5,20 lakhs. The coin so absorbed consisted of 4,60 lakhs of sovereigns, and of the 60 lakhs of gold mohurs coined in India in the circumstances explained in the preceding paragraph. For the reasons stated in paragraph 33 of my report for 1917-18, it may be taken as reasonably certain that only a comparatively inconsiderable number of the sovereigns and of the gold mohurs so issued have remained in the currency of the country. There is, indeed, evidence to support the inference that many of the sovereigns have passed into the melting pot; and the rapid appreciation in the price of gold in India during the year lends further support to this conclusion. The scarcity value attaching to the gold coin must undoubtedly have led to its having changed hands as a commodity, in spite of the legal prohibition imposed by the Ordinance of the 22nd August 1918 on dealings in King's coin above its face value.

Absorption of sovereigns and mohurs.

Currency gold coin was released between April and August, purely as an emergency measure, to supplement the shortage of silver coin. But in selecting the areas in which such gold coin should be issued, preference was naturally given to those districts in which a disposition to use gold coin as currency had in pre-war times manifested itself. The inset table gives the detailed absorption in each month, and distinguishes between the issues of sovereigns and mohurs. The absorption was largest in Bombay where, in the cotton districts of Gujarat, gold coin was issued in April and May to the amount of 2,83 lakhs. In Lahore the issues continued till August and amounted to 1,37 lakhs: and were made, as also in Cawnpore, essentially in connection with wheat purchases. The inconsiderable issues in Madras and Rangoon were emergency issues due to a local and temporary shortage of silver rupees.

(In lakhs of rupees.)

1918-19.	Sovereigns.	Mohurs.	Total.
April	4,25	...	4,25
May	45	...	45
June	5	17	22
July	—8	35	27
August	—1	11	10
September	—5	—1	—6
October	—1	—1	—2
November	...	...	...
December	...	...	...
January	...	—1	—1
February	...	...	...
March	...	...	
Total	4,60	60	5,20

It is difficult to gauge with any pretence to precision the effect of these issues of gold coin. Primarily, as I have already explained, they were designed to ensure that, pending the receipt and coinage of the silver expected or arriving from overseas, the convertibility of the note should be maintained; and there can be no doubt that in so far as this object was concerned, the issue of gold was completely effective, for without the addition to its coin resources, the Currency Department might have found itself in April, May and June unable to meet its legal obligations to pay out metal against notes tendered to it. But there have been indications in district officers' reports that not a little distrust was caused thereby. Certainly, in Gujarat, the discrimination

which naturally had to be applied in these issues of gold coin was the cause of many complaints from those who were not entitled to receive payment in gold. That there should have been such complaints will cause no surprise; for the fortunate recipients of gold were thereby placed in a more favourable position than their less favoured competitors. This preference was, of course, enhanced as the premium which the gold coin fetched as a commodity advanced; and it is perhaps worth noticing in connection with the events of 1918-19 that, with the large and increasing value attaching to gold, the administrative and other disadvantages attaching to a limited issue of gold coin have assumed greater prominence.

Price of sovereigns and gold.

35. Sovereigns were quoted at the end of March 1918 at Rs. 16-7 and rose gradually in value till by the 30th May they were quoted at Rs. 20-4. It does not appear that the price reacted in April and May to the release of Currency gold coin as was the case in the previous year. Possibly the uncertainty of the military and currency situations tended to counteract the effects which the opening up of a new source of supply bring about in the price of a commodity of which the stock is limited. By the end of June, however, there was a relapse to Rs. 18-12 and the price fluctuated between Rs 19 and 20 till the issue of the notification prohibiting transactions in King's coin above face value made open dealings at any rate impossible.

From August onwards, therefore, the value of the sovereign can only be determined by the quotations for gold bullion. The price of gold bullion fell, after the issue of the notification just referred to, from Rs. 34 per tola to Rs. 30 but rose again in September to Rs. 32-4. At the close of the year the quotation was Rs. 32.

The new gold mohurs are reported to have changed hands at prices slightly below those for sovereigns.

VII.—The Note Circulation.

Statistics of the note circulation.

36. Statements XI to XIX contain the usual statistics regarding the currency note circulation. The table below compares the gross, net and active circulation on the 31st March, and also the average for the year in each case with the corresponding figures for previous years.

(In lakhs of rupees.)

Year.	Circulation on 31st March.			Average Circulation.			Increase in average active circulation.
	Gross.	Net.	Active.	Gross.	Net.	Active.	
1899-1900	28,74	27,04	22,10	27,96	25,48	21,27	..
1904-05	39,18	36,30	28,46	39,20	35,33	28,11	+6,84*
1909-10	54,41	49,10	39,98	49,66	47,02	37,21	+9,10*
1910-11	54,99	48,41	40,17	54,35	48,55	38,75	+1,54
1911-12	61,36	56,17	44,61	57,37	51,83	41,89	+3,14
1912-13	68,98	56,30	47,32	65,62	54,92	45,39	+3,50
1913-14	66,12	58,72	49,97	65,55	55,62	46,63	+1,24
1914-15	61,63	55,65	43,96	64,04	59,28	45,43	−1,20
1915-16	67,73	64,13	53,19	64,10	60,39	48,08	+2,65
1916-17	86,37	81,98	67,08	76,14	72,36	59,36	+11,28
1917-18	99,79	97,78	84,30	1,01,77	98,03	71,87	+12,51
1918-19	1,53,46	1,50,06	1,33,58	1,33,20	1,31,56	1,13,84	+41,97

* These figures represent 5 years' increase.

The figures for the net circulation exclude the value of notes held in the Reserve Treasuries. Those for the active circulation further, exclude the value of notes in all other Government Treasuries and also of notes held in the Head Offices of the Presidency Banks.

The gross circulation stood just below the 100 crore mark on the 31st March 1918, but rapidly outstripped this figure and increasing steadily month by month reached its maximum at the close of the year when it stood at a figure rather more than 50 per cent. higher than that at the commencement of the year. The average gross circulation, as in the previous year, increased by roughly one-third. More marked was the growth in the average active circulation which rose from 71,87 lakhs in 1917-18 to 1,13,84 lakhs in 1918-19 having nearly doubled in two years. The growth in the active circulation was continuous throughout the earlier part of the year, but after reaching a maximum of 1,35,39 lakhs in the months of December and January fell slightly at the close of the year when it stood at 1,33,58 lakhs. Holdings by the Presidency Banks at their Head Offices, as shown in Statement XV, were at a much lower level than in the preceding year as a result of the falling off in balances at the Banks discussed in section V.

All circles continue to show increased note circulations and, as in the past year, the Bombay circle has again recorded the largest increase with a record average gross circulation of 46·24 crores. The biggest proportional increase appears in the Cawnpore Circle where the average gross circulation more than doubled during the year. To an even greater extent than in the previous year the note requirements of Mesopotamia helped to swell the circulation of the Bombay and Karachi circles, the remittances of notes to Basra amounting to 7,62 lakhs. The figures for the circulation of five and ten rupee notes in Mesopotamia on 31st December 1918 were 1,86 and 5,35 lakhs respectively.

Character of the note circulation.

37. The following statement shows by circles the number of notes of each denomination (excluding the Rs. 10,000 note) in circulation on the 31st December in each of the last three years for each 10,000 of the population :—

Circle.	Year.	Re. 1.	Rs. 2-8.	Rs. 5.	Rs. 10.	Rs. 50.	Rs. 100.	Rs. 500.	Rs. 1,000.
Calcutta	1916	...	...	47	1,125	5	81	2	...
	1917	54	...	85	1,011	6	78	2	...
	1918	2,232	112	146	2,164	6	41	2	6
Cawnpore	1916	...	...	27	32	3	5	1	1
	1917	...	...	39	71	3	19	·6	·7
	1918	1,235	173	50	247	43	132	·7	·7
Lahore	1916	...	...	279	454	22	68	2	1
	1917	...	...	385	608	24	96	2	1
	1918	2,433	476	770	931	29	120	3	1
Bombay	1916	...	...	419	648	39	62	1	5
	1917	94	...	712	967	53	81	2	9
	1918	4,021	263	1,336	1,748	49	122	2	12
Karachi	1916	...	...	317	1,413	69	156	2	9
	1917	...	...	488	2,037	128	171	2	15
	1918	12,732	18	594	3,247	422	553	3	17
Madras	1916	...	...	215	198	—5	129	1	1
	1917	59	...	243	229	—11	136	·9	·7
	1918	1,890	387	631	408	—15	232	·9	·9
Rangoon	1916	...	...	134	2,318	7	177	...	1
	1917	...	...	186	1,984	7	170	...	1
	1918	5,467	159	358	3,052	9	422	...	2
All-India	1916	...	...	189	673·5	14	76	1·4	2·9
	1917	48	...	290	737	17	86	1·5	·4
	1918	2,728	239	566	1,405	26	135	1·5	5·2

A marked characteristic of recent years has been the increase in the circulation of all the universal notes. During the year under report for notes of each denomination the increase was not only maintained, but was very largely accelerated. The very rapid growth of the circulation of notes of the one rupee denomination and the comparative unpopularity of the Rs. 2-8 issue are a noticeable feature. For both these denominations it should be explained that the circle distribution shown in the table does not accurately represent the actual circulation of the notes within the circles owing to the fact that registration of these notes by circles was discontinued in November 1918. The one-rupee note was largely used in connection with the financing of the jute and cotton crops. Provided that there is adequate provision of small change, the experience of the year would seem to indicate that there is a field for the development of this denomination of note. One other feature which calls for comment is the high circulation of each denomination of notes in proportion to population shown by the Karachi circle. This is apparently an illustration of the much greater use to which notes are put in commercial centres like Karachi than in rural tracts which provide a larger percentage of the population of other circles.

Encashment at Treasuries.

38. The usual statement giving the classification of Treasuries according to the encashment of notes has been omitted as facilities for cashing notes were necessarily largely curtailed during the year and could be given only in a spasmodic and limited manner. This appears from the statistics of transactions at Treasuries given in the statement which follows where a very considerable decrease in the exchange of notes for silver and *vice versâ* is recorded. The growing employment of notes for the discharge of dues to and by Government commented on in last year's report is an even more marked feature of the figures for the year 1918-19.

(In lakhs of rupees.)

Year.	Receipts from public.				Issues to public.			
	In payment of dues to Government.	For silver.	In exchange of notes of other values.	Total.	In payment of dues by Government.	For silver.	In exchange of notes of other values.	Total.
1910-11	20,31	3,92	1,19	25,42	14,93	5,58	1,19	21,70
1911-12	22,68	4,00	1,22	27,90	16,24	6,00	1,22	23,46
1912-13	25,99	4,34	1,68	32,01	17,41	5,96	1,68	25,05
1913-14	27,16	4,02	1,55	32,73	19,08	6,61	1,55	27,24
1914-15	26,41	5,86	1,77	34,04	21,92	8,53	1,77	32,22
1915-16	33,16	8,89	2,44	44,49	25,06	8,60	2,44	36,10
1916-17	42,44	14,17	3,02	59,63	31,31	10,22	3,02	44,55
1917-18	51,79	13,68	3,13	68,60	39,74	12,02	3,13	54,89
1918-19	86,71	8,72	8,75	1,04,18	85,32	8,15	8,75	1,02,22

Life of Currency Notes.

39. The following statement compares the mean circulation for the year with the total number of cancellations for notes of the denominations of Rs. 5 and upwards. The figures are in thousands of pieces in each case.

	Rs. 1.	Rs. 2-8	Rs. 5.	Rs. 10.	Rs. 50.	Rs. 100.	Rs. 500.	Rs 1,000.	Rs 10,000
Total Cancellation	73,724	7,754	6,252	14,251	1,020	7,270	161	756	63
Mean Circulation	54,171	4,047	14,640	37,127	835	3,817	50	145	16
Ratio of circulation to cancellations.	·73	·52	2·34	2·6	·82	·52	·31	·2	·26
Corresponding ratio in 1917-18	...	...	1·0	·88	·65	·41	·28	·17	·26
Ditto in 1916-17	...	...	·72	·69	·44	·32	·24	·12	·15
Ditto in 1915-16	...	...	·49	·56	·41	·31	·25	·12	·15
Ditto in 1914-15	...	...	·58	·64	·40	·30	·27	·17	·25
Ditto in 1913-14	...	...	·58	·76	·44	·32	·25	·13	·20
Average of five years ending with 1912-13.	...	...	·65	·81	·44	·36	·28	·16	·20

The ratio of circulation to cancellation (taken to two places of decimal) is a rough measure of the life of each denomination. In considering these figures, however, it should be borne in mind that with a rapidly growing circulation the life so arrived at tends to be in excess of the actual life of the note.

VIII.—Miscellaneous matters connected with Currency Notes and Coinage.

40. In the year 1917-18 a large increase occurred in the number of forged notes received in the Currency Offices, the aggregate being 396 against 96 and 97 in the two previous years. In the year 1918-19 the number of forged notes received was almost three times that in the previous year, amounting to 1,174. The majority of these, no less in fact than 842, were five-rupee note forgeries of the $\frac{YB}{34}$, $\frac{LC}{60}$ and $\frac{LC}{61}$ series, which were specially referred to in last year's report. Notes of these series were received during the year in all our Currency Offices, but the majority were received at Calcutta where the number was 710. It is satisfactory to note that since the close of the year a case has been instituted against a gang in connection with the forgeries of these series which has resulted in the conviction of one man with a sentence of ten years rigorous imprisonment. Full details of the case are not yet to hand. Note forgeries.

New forgeries occurred during the year, but none of these exhibited features of any particular interest. In Madras no less than 22 forged notes of the five-rupee series $\frac{BD}{2}$ occurred and in Cawnpore 11 new forgeries of the hundred rupee series $\frac{FC}{3}$ were received. It is satisfactory that in connection with these last notes four prosecutions were successfully instituted. In addition to these prosecutions there were two successful prosecutions in Calcutta, but otherwise such cases as were instituted were unsuccessful; no less than six cases brought into Court in Burma failed.

Forgeries of two-and-a-half-rupee notes were scarce. Those of the one-rupee notes were more common and were specially so in Rangoon where as many as 82 were presented. These were a new forgery printed from metal blocks on ordinary paper with imitation water marks.

41. The figures below show the number of wholly destroyed, half and mutilated notes claims in respect of which were admitted during the year 1918-19 and the three preceding years:— Claims on lost notes, etc.

		1915-16.	1916-17.	1917-18.	1918-19
Whole notes destroyed		42	579	88	206
Half notes	Lost by post	710	615	462	482
	Lost otherwise	621	806	1,030	1,217
Mutilated notes		883	999	1,506	1,741

The value of notes written off to Government during the year under section 19 of Act II of 1910 amounted to Rs. 81,755 as compared with Rs. 67,670, Rs. 70,830, and Rs. 66,740 in the three years 1915-16 to 1917-18. Writing off old notes.

42. The total value of withdrawn coins amounted to 56½ lakhs against Rs. 1,22⅔ lakhs in 1917-18. The details are as shown in the statement below:— State of the coinage.

Province.	In thousands of rupees.				
	1835.	1840.	1911.	Shroff marked.	Other uncurrent.
1	2	3	4	5	6
India	39	4,15	8	...	9,19
North-West Frontier Province	...	6	...	...	...
Madras	10	1,96	2	...	4,09
Bombay	8	1,82	...	...	1,03
Bengal	37	2,32	...	1	1,68
United Provinces	78	8,13	...	10	6,16
Punjab	27	2,54	...	...	2,62
Burma	2	23	1	...	91
Bihar and Orissa	35	2,97	...	...	2,66
Central Provinces	4	91	1	1	25
Assam	7	41	...	...	7
TOTAL	2,47	25,50	12	12	28,35*

* The total includes worn small silver coins to the value of Rs. 6½ lakhs.

The following table shows the number of light weight coins withdrawn or remitted to the Mints during the year :—

	NUMBER OF COINS REDUCED IN WEIGHT.				
	WHOLE RUPEES.		SMALL SILVER COINS.		ALL SILVER COINS.
	Over 2 per cent. but not more than 6¼ per cent.	Over 6¼ per cent. but not more than 25 per cent.	Over 2 per cent. but not more than 12½ per cent.	Over 12½ per cent. but not more than 25 per cent.	Over 25 per cent.
1	2	3	4	5	6
Rupees	1,261,261	11,942	...	...	3,715
Half Rupees	...	...	254,169	16,741	92
Quarter Rupees	...	...	...	197,408	132
Eighth Rupees	...	...	...	184,185	243
TOTAL	1,261,261	11,942	254,169	398,334	4,182

Grand Total 1918-19	1,929,888
Do. 1917-18	4,624,449
Do. 1916-17	5,120,259
Do. 1915-16	5,186,353
Do. 1914-15	6,812,907
Do. 1913-14	13,705,088

False coinage.

43. Information regarding the counterfeit silver coins which came to light during the year will be found in the review of the reports of the working of the Mints in Bombay and Calcutta.

Absorption of small silver, nickel and bronze.

44. Statement XX contains details of the absorption of small coin in each province during each of the last three years. These are summarised in the table below together with the corresponding figures for the years from 1910-11 onwards (a *minus* sign indicating a return from circulation):—

In thousands of rupees.

Year.	Four-anna pieces.	Two-anna pieces.	One-anna pieces.	Single pice.	TOTAL.
1910-11	14,18	14,10	20,36	9,37	58,01
1911-12	15,23	14,05	24,76	11,11	65,15
1912-13	25,72	19,53	23,76	16,51	85,52
1913-14	15,38	12,89	19,91	7,95	56,13
1914-15	—10,23	—4,63	6,87	—12,57	—20,56
1915-16	8,33	7,44	18,60	2,06	36,43
1916-17	32,99	23,17	32,50	8,59	97,25
1917-18	38,11	28,53	25,86	6,15	98,65
1918-19	1,17,02	93,21	55,46	23,92	2,89,61

The total for the year 1918-19 excludes about Rs. 4 lakhs of small coin sent to Basra. The absorption for the year amounted to Rs. 2,89⅗ lakhs against about 98⅔ in the previous year.

Receipts and expenditure of the Currency Department.

45. Statement XXI gives the usual details of the receipts and expenditure of the Currency Department for the year 1918-19. The receipts, it will be seen, have increased by 60 per cent. and amounted to Rs. 2,92,83,823, the increase in investments accounting for the larger receipts. The expenditure consequent on a larger consumption of note forms increased by Rs. 22,59,894 to 52·48 lakhs.

I have the honour to be,

SIR,

Your most obedient Servant,

M. M. S. GUBBAY,

Controller of Currency.

STATEMENT I.

Statement showing the Treasury balances in India on the first day of each month during 1917-18 and 1918-19 and their distribution.

[In thousands of rupees.]

	April.	May.	June.	July.	August.	September.	October.	November.	December.	January.	February.	March.	March closing balances.
1917-18.													
Reserve Treasuries	4,56,23	81,66	4,08,00	5,53,02	8,88,26	7,73,41	2,92,45	3,32,35	3,54,43	3,54,37	3,78,01	4,38,51	2,43,19
Presidency Banks (Head Offices).	5,94,77	11,37,61	14,80,91	15,67,82	9,31,47	2,28,74	2,06,97	6,18,51	4,40,60	4,93,62	8,31,35	9,79,27	9,55,90
District Treasuries	12,42,98	12,53,37	13,59,79	18,35,09	17,76,52	16,44,77	15,74,33	9,07,22	8,56,73	8,31,49	10,75,06	11,07,79	10,99,68
TOTAL	22,93,98	24,72,64	32,48,70	39,56,93	35,96,25	26,46,92	20,73,75	18,58,08	16,51,76	16,79,48	22,84,42	25,25,57	22,98,77
1918-19.													
Reserve Treasuries	2,43,19	4,54,91	1,58,34	2,35,19	1,13,68	2,19,21	2,52,28	1,01,92	82,00	77,66	1,72,44	1,67,88	3,57,59
Presidency Banks (Head Offices).	9,55,90	3,76,14	9,12,83	9,87,39	3,18,14	3,25,65	13,94,16	5,78,78	4,46,93	5,77,43	3,97,75	6,01,21	11,81,29
District Treasuries	10,99,68	9,16,67	9,15,06	11,13,45	11,54,87	9,44,76	11,18,51	10,08,48	8,37,25	8,17,51	10,05,67	11,52,13	10,55,97
TOTAL	22,98,77	17,47,72	19,86,23	23,36,03	16,16,69	14,89,62	27,64,95	16,89,18	13,66,18	14,72,60	15,75,86	19,21,22	25,94,85
Difference	+4,79	—7,24,92	—12,62,47	—16,20,90	—19,79,56	—11,57,30	+6,91,20	—1,68,90	—2,85,58	—2,06,88	—7,08,56	—6,04,35	+2,96,08

STATEMENT II.

Cash transactions of the Secretary of State under the more important heads for the years from 1909-10 onwards and the cash balances held by him at the close of each year.

	1909-10.	1910-11.	1911-12.	1912-13.	1913-14.	1914-15.	1915-16.	1916-17.	1917-18.	1918-19.
1. Net Debt incurred (a)	8,890,173	1,156,920	78,903	—3,477,600	—1,781,200	6,500,000	—909,000	—7,500,000	—500,163	—500,000
2. Gold Standard Reserve— Net receipt of interest (b)	255,416	499,399	498,882	517,725	575,061	487,969	569,985	794,742	1,700,565	1,356,208
3. Remittances—										
(i) Councils	27,096,583	26,783,303	27,058,549	25,759,706	31,200,827	7,748,111	20,354,517	32,938,095	34,880,682	20,946,314
(ii) Gold: (a) Treasury	...	...	...	327,501	453,024	604,754	2,000,000	...	...	...
(b) Paper Currency	...	...	...	1,600,090	...	...	...	—3,500,000	—4,000,000	—3,67,609
(c) G.F. Reserve	...	...	...	...	...	...	...	...	...	...
4. Net Capital deposited by Railway Companies—										
(i) Companies working purchased Railways	2,459,426	2,294,278	...	...	...	2,325,244	3,459,580	...	...	...
(ii) Other Companies	—54,583	...	—40,000	495,000	4,552,788	1,557,337	—375,200	—75,000	—1,082,500	—1,531,900
5. Purchase and sale of wheat	...	...	...	...	...	...	6,303,881	82,674	75	...
6. Postal and money order transactions	117,919	565,301	839,304	1,000,511	1,196,545	522,626	654,897	922,386	6,335,259	3,621,439
7. War Transactions (Net)	...	...	...	...	...	8,685,936	14,250,592	33,195,213	61,994,298	82,879,627
8. Other Miscellaneous transactions	—343,489	6,767	—261,697	—354,340	—450,745	—481,606	—119,551	3,825,206	7,899,619	4,693,187
9. Opening balances on 1st April—										
(i) Treasury	7,983,897	12,799,090	16,696,991	18,290,013	8,783,970	8,132,770	7,904,914	7,010,717	5,390,537	10,624,918
(ii) Paper Currency Reserve — Securities	1,333,333	1,333,333	1,333,333	2,666,666	2,666,666	2,666,666	2,666,666	6,666,962	25,661,280	34,319,252
(ii) Paper Currency Reserve — Gold	1,500,000	2,500,000	5,045,000	5,700,000	6,100,000	6,100,000	5,100,000	7,950,000	4,450,000	450,000
(iii) Gold Standard Reserve — Securities	7,414,511	13,219,217	15,851,786	16,748,085	16,906,561	17,745,543	13,168,219	16,731,053	25,652,457	28,776,725
(iii) Gold Standard Reserve — Gold (d)	469,818	3,010,528	1,477,358	1,073,710	2,625,664	4,344,962	1,258,322	5,792,631	6,001,456	6,000,499
(iv) Special Reserve—Securities	...	...	...	...	...	...	...	...	...	20,000,309
TOTAL	57,123,007	64,168,136	68,578,409	70,446,977	72,829,161	66,940,312	76,287,822	104,894,679	174,383,565	211,268,969
10. Net charges against revenue	18,411,709	18,605,706	18,865,246	19,302,292	19,455,055	19,525,856	19,403,940	20,268,182	24,016,010	20,400,499
11. India's Financial contribution to the war (c)	...	...	...	...	...	...	...	...	35,073,000	33,415,000
12. Capital Outlay	2,133,514	1,922,180	2,310,197	2,577,434	3,111,960	2,531,784	899,042	347,475	446,182	634,654
13. " " of Companies—										
(i) Working purchased Railways	2,191,797	2,115,748	2,152,576	3,449,179	4,956,669	4,567,397	2,047,140	654,950	885,259	871,953
(ii) Other Companies	1,367,819	1,120,034	671,916	976,592	1,787,480	1,513,292	642,638	320,557	299,399	540,043
14. Purchase of Silver. (a) Direct purchase by Secy. of State	...	...	...	7,058,619	4,528,956	—3,138	983,200	16,093,978	13,492,012	19,648,698
14. Purchase of Silver. (b) Purchase under the Pittman Act	...	...	...	...	...	...	...	...	...	24,037,967
15. Payment of sterling bills on London	156,000	...	...	...	...	8,707,000	4,893,000	...	...	5,135,000
16. Purchase and sale of wheat	...	...	...	...	...	...	3,267,499	53,807	...	...
17. Closing balances—on 31st March—										
(i) Treasury	12,799,090	16,696,991	18,390,018	8,783,970	8,132,770	7,904,914	7,010,717	5,390,537	10,624,918	8,700,155
(ii) Paper Currency Reserve — Securities	1,333,333	1,333,333	2,666,666	2,666,666	2,666,666	2,666,666	6,666,962	25,661,280	34,319,252	54,998,953*
(ii) Paper Currency Reserve — Gold	2,500,000	5,045,000	5,700,000	6,100,000	6,100,000	5,100,000	7,950,000	4,450,000	450,000	82,391
(iii) Gold standard Reserve — Securities	13,219,217	15,851,786	16,748,085	16,906,561	17,745,543	13,168,219	16,731,053	25,652,457	28,776,725	29,848,362*
(iii) Gold standard Reserve — Gold (d)	3,010,528	1,477,358	1,073,710	2,625,664	4,344,962	1,258,322	5,792,631	6,001,456	6,000,499	6,015,672
(iv) Special Reserve—Securities	...	...	...	...	...	...	...	...	20,000,309	6,939,612
TOTAL	57,123,007	64,168,136	68,578,409	70,446,977	72,829,161	66,940,312	76,287,822	104,894,679	174,383,565	211,268,969

(a) The figures for net debt incurred include the amounts raised to pay off certain Railway obligations and applied to that purpose.
(b) i.e., excluding loss on sale of investments.
(c) In addition to £31,512,000 British Government 5 per cent War Loan (1929-47) taken over by India.
(d) Includes amounts placed by the Secretary of State for India in Council at short notice.
* Represents cost price of the securities.

STATEMENT III.

Composition of the Currency Reserve held against the note circulation at the end of each month.

(In lakhs of rupees.

MONTH.	Gross circulation.	COIN AND BULLION RESERVE.								SECURITIES.
		Silver coin in India.	Gold coin and bullion in India.	Silver bullion under coinage.	Gold coin and bullion in England.	Silver bullion in England.	Gold coin and bullion in His Majesty's Dominions.	Gold coin and bullion in transit between India and England and His Majesty's Dominions	Silver bullion in transit between India and England, U.S.A. and His Majesty's Dominions.	
April 1918 .	1,05,96	7,26	22,60	66	45	...	...	...	5,80	69,19
May " .	1,11,53	5,14	19,11	76	45	...	...	2,25	9,66	74,16
June " .	1,14,79	5,66	20,99	2,78	45	...	...	...	6,51	78,40
July " .	1,21,41	8,02	20,21	10,40	12	...	...	...	...	82,66
August " .	1,31,41	11,18	20,33	7,67	12	...	...	...	6,12	85,99
September " .	1,34,38	12,38	20,38	7,54	12	...	...	...	7,97	85,99
October " .	1,36,43	10,49	20,41	9,09	12	...	...	...	10,33	85,99
November " .	1,40,76	8,48	20,45	12,49	12	...	...	...	13,23	85,99
December " .	1,47,09	10,56	19,68	12,84	12	...	...	...	8,74	95,15
January 1919 .	1,49,74	11,58	18,91	8,38	12	...	...	...	12,17	98,58
February " .	1,51,48	13,50	18,14	10,16	12	...	...	...	10,98	98,58
March " .	1,53,46	16,66	17,37	15,69	12	...	...	...	5,04	98,58*

Distribution of the Metallic Reserve on the 31st March 1919 by Circles.

CIRCLE.	Silver coin in India.	Gold coin and bullion in India.	Silver bullion under coinage.	Gold coin and bullion in England.	Silver bullion in England.	Silver bullion in transit between India and England, U. S. A. and His Majesty's Dominions.
	R	R	R	R	R	R
At Calcutta .	5,31,84,559	2,36,48,437	8,13,51,701	12,35,865	...	5,04,05,185
" Cawnpore .	67,64,101	52,34,940	...	...	...	...
" Lahore . .	92,18,782	1,80,26,864	...	...	...	...
" Bombay . .	7,20,92,586	11,71,60,679	7,55,60,021	...	...	...
" Karachi . .	30,38,651	21,39,630	...	...	...	...
" Madras . .	1,66,84,054	40,35,135	...	...	...	...
" Rangoon .	56,28,923	34,53,435	...	...	...	...
TOTAL .	16,66,11,656	17,36,99,120	15,69,11,722	12,35,865	...	5,04,05,185
	54,88,63,548					

* Made up of :—

	Nominal Value.	Cost price.		
	R	R	a.	p.
In rupee securities—				
3½ per cent. loan of 1842-43 .	8,15,95,000	8,00,00,000	0	0
3 per cent. loan of 1896-97 .	2,04,86,500	1,99,99,945	10	0
	10,20,81,500	9,99,99,945	10	0
Indian Treasury Bills . .	6,40,00,000	6,08,00,000	0	0
	16,60,81,500	16,07,99,945	10	0

	£	s.	d.	£	s.	d.
In sterling securities—						
2½ per cent. Consols .	1,000,000	0	0	852,395	10	10
British Treasury Bills .	55,066,000	0	0	54,146,557	17	11
	56,066,000	0	0	54,998,953	8	9

STATI

Payments by Government on account of Transfers of Fund

	1ST QUARTER										2ND QUARTER										3		
	ON ACCOUNT OF										ON ACCOUNT OF												
	India and Bengal.	Madras.	Bombay.	United Provinces	Punjab.	Burma.	Bihar and Orissa.	Central Provinces and Berar.	Assam.	TOTAL.	India and Bengal.	Madras.	Bombay.	United Provinces.	Punjab.	Burma.	Bihar and Orissa.	Central Provinces and Berar.	Assam.	TOTAL.	India and Bengal.	Madras.	Bombay.
India and Bengal	...	1,18	1,75	22,78	42,52	...	11,56	...	12,81	92,60	...	17,21	2,75,85	5,15	48,09	...	15,11	...	7,96	3,70,37	...	33,28	2,12,8
Madras	1,12,55	...	2,96,92	...	...	...	...	...	...	4,09,47	36,45	...	89,90	...	...	...	...	...	...	1,26,35	50,75	...	79,8
Bombay	1,43,51	...	...	26,29	44,22	...	...	6	...	2,14,09	59,58	1,00	...	25,89	39,30	...	...	1	2	1,25,60	26,45	5,65	...
United Provinces	19,06	...	61,08	...	3,50	...	...	...	...	83,64	24,35	...	17,20	...	4,50	...	...	...	...	46,05	7,35	...	38,35
Punjab	51,83	25	3,50,78	...	...	...	...	...	...	4,02,86	18,42	...	1,20,48	39	...	...	...	...	...	1,39,20	34,81	...	93,6
Burma	1,66,64	...	34,50	...	...	...	...	...	...	2,01,14	62,00	9,00	78,55	...	...	...	...	...	...	1,49,55	1,44,50	22,75	1,89,4
Bihar and Orissa	17	...	...	...	...	...	...	...	...	17	7,04	...	...	16	...	...	...	...	...	7,20	1,60	...	
Central Provinces	...	...	54,00	...	...	...	...	...	...	54,00	25	...	7,25	...	...	...	...	...	...	7,50	1,03,50	...	3,27,6
Assam	13,94	...	...	...	...	...	...	...	...	13,99	13,93	...	...	...	...	...	...	...	...	13,93	16,05	...	...
TOTAL	5,07,75	1,43	7,99,03	49,07	90,24	...	11,56	6	12,81	14,71,95	2,22,02	27,21	5,89,23	31,30	92,79	...	15,11	1	7,98	9,85,65	3,65,10	61,68	9,45,34

IENT IV.

ffected by the Public between Provinces during the year 1918-19.

(In thousands of rupees.)

UARTER							4TH QUARTER										TOTAL									
CCOUNT OF							ON ACCOUNT OF										ON ACCOUNT OF									
United Provinces.	Punjab.	Burma.	Bihar and Orissa.	Central Provinces and Berar.	Assam.	TOTAL.	India and Bengal.	Madras.	Bombay.	United Provinces.	Punjab.	Burma.	Bihar and Orissa.	Central Provinces and Berar.	Assam.	TOTAL.	India and Bengal.	Madras.	Bombay.	United Provinces.	Punjab.	Burma.	Bihar and Orissa.	Central Provinces and Berar.	Assam.	TOTAL.
66,56	52,11	...	5,49	...	4,38	3,74,62	...	2,76	2,75,57	2,57	55,19	...	6,34	1,700	7,47	3,66,90	...	54,43	7,65,97	57,06	1,98,81	...	38,50	17,00	32,62	12,04,3
...	...	...	...	...	...	1,30,55	91,80	...	3,94,65	...	...	...	...	...	...	4,86,45	2,91,55	...	8,61,27	...	...	...	...	...	...	11,52,8
13,97	28,48	...	...	4	9	74,68	21,12	...	...	6,64	21,74	...	...	1	4	49,55	2,50,66	6,65	...	72,59	1,33,74	...	...	12	15	4,63,9
...	8	...	...	...	...	47,02	5,29	...	7,65	...	4,70	...	...	...	...	17,64	56,05	...	1,24,78	...	13,52	...	...	...	...	1,94,3
...	...	...	...	...	...	1,29,75	7,80	...	66,58	...	...	...	...	...	...	74,38	1,12,86	25	6,31,78	30	...	...	...	...	...	7,45,19
...	...	...	...	...	...	3,56,68	3,55,35	17,00	4,27,74	...	...	...	...	...	...	8,00,09	7,28,49	48,75	7,30,22	...	...	...	...	...	...	15,07,4
...	...	...	...	...	...	1,69	2,46	...	...	2	...	...	...	...	...	2,48	11,36	...	...	18	...	...	...	...	...	11,54
...	...	...	...	...	...	4,30,92	5,00	...	83,00	...	...	...	...	...	...	88,00	1,08,75	...	4,71,67	...	...	...	...	...	...	5,80,42
...	...	...	...	...	...	16,05	22,80	...	...	...	...	...	...	...	...	22,80	66,77	...	...	...	...	...	...	...	...	66,77
80,53	81,41	...	5,49	4	4,47	15,60,96	5,11,62	19,76	12,55,19	9,23	81,63	...	6,34	17,01	7,51	19,08,20	16,26,49	1,10,08	35,85,69	1,70,13	3,46,07	...	38,50	17,12	32,77	59,26,8

STATEMENT V.

Movement of Funds within the Provinces during the year 1918-19.

(In lakhs of rupees.)

	India and Bengal.	Madras.	Bombay.	United Provinces.	Punjab.	Burma.	Bihar and Orissa.	Central Provinces.	Assam.	TOTAL.
Supplies of funds to Presidency Banks in Districts.	...	5,28	4,96	...	...	2,60	10	...	...	12,94
Receipts of funds from Presidency Banks in Districts.	...	49	1,45	...	...	...	11	...	...	2,05
Sale of supply bills and transfers to the public.	10,01	38	3,53	28	3,81	4,61	...	8	2	22,72
Transfers to head quarters by Bank post-bills.	53	...	2,78	...	...	...	6	...	...	3,37
TOTAL	10,54	6,15	12,72	28	3,81	7,21	27	8	2	41,08

MENT IV.

effected by the Public between Provinces during the year 1918-19.

(In thousands of rupees.)

QUARTER							4TH QUARTER										TOTAL									
ACCOUNT OF							ON ACCOUNT OF										ON ACCOUNT OF									
United Provinces.	Punjab.	Burma.	Bihar and Orissa.	Central Provinces and Berar.	Assam.	TOTAL.	India and Bengal.	Madras.	Bombay.	United Provinces.	Punjab.	Burma.	Bihar and Orissa.	Central Provinces and Berar.	Assam.	TOTAL.	India and Bengal.	Madras.	Bombay.	United Provinces.	Punjab.	Burma.	Bihar and Orissa.	Central Provinces and Berar.	Assam.	TOTAL.
66,56	52,11	...	5,49	...	4,38	3,74,62	...	2,76	2,75,57	2,57	55,19	...	6,34	1,700	7,47	3,66,90	...	54,43	7,65,97	37,06	1,98,81	...	38,50	17,00	32,62	12,04,8
...	...	...	...	...	...	1,30,55	91,80	...	3,94,65	...	...	...	...	...	...	4,86,45	2,91,55	...	8,61,27	...	...	...	...	...	...	11,52,8
13,97	28,48	...	...	4	9	74,68	21,12	...	...	6,64	21,74	...	...	1	4	49,55	2,50,66	6,65	...	72,59	1,33,74	...	...	12	15	4,63,9
...	8	...	...	...	...	47,02	5,29	...	7,65	...	4,70	...	...	...	...	17,64	56,05	...	1,24,78	...	13,52	...	...	...	...	1,94,3
...	...	...	...	...	...	1,28,75	7,80	...	66,58	...	...	...	...	...	...	74,38	1,12,86	25	6,31,78	30	...	...	...	...	...	7,45,19
...	...	...	...	...	...	3,56,68	3,55,35	17,00	4,27,74	...	...	...	...	...	...	8,00,09	7,28,49	48,75	7,30,22	...	...	...	...	...	...	15,07,4
...	...	...	...	...	...	1,69	2,46	...	..	2	...	...	...	...	...	2,48	11,36	...	...	18	...	...	...	..	...	11,54
...	...	...	...	...	...	4,30,92	5,00	...	83,00	...	...	...	...	...	...	88,00	1,08,75	...	4,71,67	...	..	...	...	...	...	5,80,42
...	...	...	...	...	...	16,05	22,80	...	...	...	...	...	...	...	...	22,80	66,77	...	...	..	...	...	...	...	...	66,77
80,53	81,41	...	5,49	4	4,47	15,60,96	5,11,62	19,76	12,55,19	9,23	81,63	...	6,34	17,01	7,51	19,08,20	16,26,49	1,10,08	35,85,09	1,70,13	3,46,07	...	38,50	17,12	32,77	59,26,8

STATEMENT VII-A.

Absorption of gold coin by Provinces and quarters.

(In thousands of £.)

Name of Province.	1917-18.					1918-19.				
	1st quarter.	2nd quarter.	3rd quarter.	4th quarter.	TOTAL.	1st quarter.	2nd quarter.	3rd quarter.	4th quarter.	TOTAL.
India and Bengal	...	...	...	109	109	1	...	3	...	4
Madras	...	—1	...	7	6	103	—1	...	1	103
Bombay	575	83	109	1,058	1,825	2,031	—27	—12	1	1,993
United Provinces	177	192	—1	443	811	467	—3	4	...	468
Punjab and North-West Frontier Province	2,563	1,763	—14	694	5,006	560	271	—11	—5	815
Burma	...	...	...	1	1	92	...	...	2	94
Bihar and Orissa	...	...	...	...	...	...	—2	...	...	—2
Central Provinces and Berar	...	...	...	...	...	...	...	...	...	...
Assam	...	...	...	...	...	...	...	...	...	...
TOTAL	3,315	2,037	94	2,312	7,758	3,254	238	—16	—1	3,475

STATEMENT VII-B.

Receipts of sovereigns from the public at Treasuries, Post Offices and Railway Stations.

	India and Bengal.	Madras.	Bombay.	United Provinces.	Punjab and N.-W. F. Province.	Burma.	Bihar and Orissa.	Central Provinces and Berar.	Assam.	Total Treasuries.	Post Offices.	Railways.
1907-08	293	1,145	1,204	674	802	135	...	130	26	4,409	1,358	1,045
1908-09	168	771	696	502	529	31	...	39	12	2,748	1,001	710
1909-10	31	55	679	102	67	2	...	8	1	945	265	184
1910-11	171	636	1,130	487	646	38	...	63	6	3,177	638	597
1911-12	248	902	1,845	946	1,472	41	...	162	10	5,626	1,363	1,222
1912-13	437	958	2,146	1,964	2,118	41	33	298	7	8,002	1,961	1,810
1913-14	1,011	1,398	2,939	2,019	2,443	41	35	329	8	10,223	2,737	1,987
1914-15	296	598	1,485	879	1,474	18	17	79	3	4,849	1,098	738
1915-16	11	9	174	44	48	3	...	4	...	293	67	33
1916-17	...	5	144	...	2	5	...	...	...	156	1	...
1917-18	1	2	47	6	23	...	...	...	...	79	...	...
1918-19	...	11	57	61	33	...	2	...	...	164	...	...

STATEMENT VIII.

Absorption of rupees and half-rupees during 1917-18 and 1918-19.

(In lakhs of rupees.)

	1917-18.					1918-19.				
	April to June.	July to Sept.	Oct. to Dec.	January to March.	Total April to March.	April to June.	July to Sept.	Oct. to Dec.	January to March.	Total April to March.
Opening Balance—										
Currency . . .	17,08	19,61	28,88	18,27	17,08	10,40	5,66	12,38	10,56	10,40
Treasury . .	4,56	4,93	4,21	2,91	4,56	3,61	2,23	1,84	1,55	3,61
TOTAL .	21,64	24,54	33,09	21,18	21,64	14,01	7,89	14,22	12,11	14,01
Closing Balance—										
Currency . . .	19,61	28,88	18,27	10,40	10,40	5,66	12,38	10,56	16,66	16,66
Treasury . . .	4,93	4,21	2,91	3,61	3,61	2,23	1,84	1,55	2,10	2,10
TOTAL .	24,54	33,09	21,18	14,01	14,01	7,89	14,22	12,11	18,76	18,76
Net difference + or —	−2,90	−8,55	+11,91	+7,17	+7,63	+6,12	−6,33	+2,11	−6,65	−4,75
Add—new coins issued	+8,51	+5,47	+4,09	+5,05	+23,12	+9,67	+13,34	+13,85	+13,93	+50,79
Deduct—Remittances to Mints for recoinage . . .	−34	−34	−25	−34	−1,27	−21	−15	−10	−15	−61
Do. Exports from India . .	−58	−62	−29	−13	−1,62	−3	−14	−15	−9	−41
Net Absorption (+) or return from circulation (−)	+4,69	−4,04	+15,46	+11,75	+27,86	+15,55	+6,72	+15,71	+7,04	+45,02
Net receipts into (+) or payments from (−) treasuries . . .	+16,62	−18,83	−3,94	+6,20	+5	+37	+4,29	−12,92	+11,22	+2,96
Net Currency Note circulation increase (+) decrease (−) . .	+2,28	+19,79	+1,78	−8,37	+15,48	+13,49	+20,05	+15,28	+2,88	+51,70

Distribution of net absorption by quarters and Provinces.

(In lakhs of rupees.

CIRCLE OR PROVINCE.	1917-18.					1918-19.				
	April to June.	July to Sept.	Oct. to Dec.	January to March.	TOTAL.	April to June.	July to Sept.	Oct. to Dec.	January to March.	TOTAL.
Bengal and India . . .	−2,61	+1,56	+79	−60	−86	−2,44	+2,43	+4,66	+1,64	+6,29
Madras	+99	−1,36	−8	+1,98	+1,53	+1,86	+25	−38	−72	+1,01
Bombay	+4,15	−1,45	+6,99	+3,85	+13,54	+7,95	+2,10	+3,79	+2,04	+15,88
United Provinces . .	+49	−1,13	+2,07	+1,45	+2,88	+1,83	+66	+2,11	+1,30	+5,90
Punjab and N.-W. Frontier	+3,33	+56	+3,93	+2,98	+10,80	+5,53	+1,90	+3,71	+2,58	+13,72
Burma	−1	−54	+41	+2,53	+2,39	+55	+10	+1,01	+92	+2,58
Bihar and Orissa . .	−47	−77	−20	−54	−1,98	+19	−4	+30	−37	+8
Central Provinces and Berar . . .	−94	−1,07	+1,41	+30	−30	−25	−84	+53	−28	−84
Assam	−24	+16	+[illegible]	−20	−14	+32	+16	−[illegible]	−7	+40
TOTAL .	+4,69	−4,04	+15,46	+11,75	+27,86	+15,54	+6,72	+15,72	+7,04	+45,02

STATEMENT IX.

Whole rupees coined and issued from the Indian Mints from 1835.

Calendar years.	Coined in Calcutta.	Coined in Madras.	Coined in Bombay.	Total Coined.
	R	R	R	R
William IV, 1835	10,90,88,070	11,78,000	5,37,12,502	16,39,78,572
Victoria, 1840, 1st issue	17,99,34,670	2,18,98,181	10,98,38,073	31,16,70,924
" 1840, 2nd "	39,85,53,660	5,50,49,201	31,29,58,076	76,65,60,937
" 1862	26,94,27,222	2,94,81,923	40,80,03,034	70,69,12,179
" 1874	1,50,13,834	...	2,85,08,566	4,35,22,400
" 1875	1,16,31,951	...	1,93,59,597	3,09,91,548
" 1876	1,20,01,264	...	2,89,49,037	4,09,50,301
" 1877	3,92,51,692	...	9,55,54,320	13,48,06,012
" 1878	3,26,57,837	...	6,39,27,196	9,65,85,033
" 1879	1,59,28,325	...	7,27,99,904	8,87,28,229
" 1880	1,83,99,894	...	5,37,85,624	7,21,85,518
" 1881	24,35,719	...	31,61,858	55,97,577
" 1882	1,50,90,289	...	5,63,97,278	7,14,87,567
" 1883	51,23,372	...	1,80,22,789	2,31,46,161
" 1884	1,16,41,757	...	3,68,46,570	4,84,88,327
" 1885	3,41,52,203	...	6,48,78,000	9,90,30,203
" 1886	1,08,78,075	...	4,11,46,457	5,20,24,532
" 1887	4,02,00,148	...	4,84,00,000	8,86,00,148
" 1888	75,68,000	...	6,32,00,000	7,07,68,000
" 1889	93,68,310	...	6,53,00,000	7,46,68,310
" 1890	2,47,41,865	...	9,29,00,000	11,76,41,865
" 1891	1,46,69,903	...	4,95,00,000	6,41,69,903
" 1892	3,24,55,120	...	7,22,00,000	10,46,55,120
" 1893	91,40,310	...	6,95,90,000	(a)7,87,30,310
" 1897	4,70,184	...	10,54,593	(b)15,24,777
" 1898	12,50,976	...	62,68,437	(c)75,19,413
" 1900	5,29,02,591	...	6,52,36,908	(d)11,81,39,499
" 1901	3,37,22,243	...	7,54,13,718	(e)10,91,35,961
" 1901 coined in 1902	3,82,94,644	...	5,48,44,740	(f) 9,31,39,384
Edward VII, 1903 ditto	25,000	...	...	25,000
" " 1903	4,93,78,355	...	5,29,69,151	(g)10,23,47,506
" " 1904	5,83,38,617	...	10,19,40,291	(h)16,02,78,908
" " 1905	5,12,57,883	...	7,62,02,223	(i)12,74,60,106
" " 1906	10,47,97,164	...	15,89,53,269	(j)26,37,50,433
" " 1907	8,13,38,000	...	17,09,11,816	(k)25,22,49,816
" " 1908	2,02,17,728	...	1,07,14,770	3,09,32,498
" " 1909	1,27,58,580	...	95,38,746	(l)2,22,97,326
" " 1910	85,00,000	...	91,88,673	1,76,88,673
" " 1910 coined in 1911.	41,27,013	...	16,96,273	58,23,286
George V, 1911	42,99,924	...	51,43,125	94,43,049
" " 1912	4,51,22,132	...	7,90,67,074	(m)12,41,89,206
" " 1913	7,58,00,163	...	8,74,65,788	(n)16,32,65,951
" " 1914	3,31,00,150	...	1,52,70,000	4,83,70,150
" " 1915	99,00,139	...	53,71,979	1,52,72,118
" " 1916	11,50,00,210	...	9,79,00,000	21,29,00,210
" " 1917	11,32,00,217	...	15,15,82,659	26,47,82,876
" " 1917 coined in 1918.	17,74,025	...	...	17,74,025
" " 1918	20,13,26,240	...	21,05,50,363	41,18,76,603
" " 1919*	7,80,00,000	...	5,91,06,104	13,71,06,104
TOTAL	2,51,42,55,668	10,76,07,305	3,43,53,29,581	6,05,71,92,554

* Up to 31st March 1919.
(a) Includes R5,90,000 coined for the Bikaner State.
(b) On account of Kashmir and Bhopal re-coinage.
(c) Ditto ditto.
(d) Includes R2,09,02,414 coined for Native States.
(e) " R1,90,43,904 coined for Native States.
(f) " R2,98,86,014 coined for Native States.
(g) " R11,66,451 coined for Native States.
(h) " R5,94,221 coined for Native States.
(i) " R5,28,000 coined for Native States.
(j) " R3,90,310 coined for Native States and R167 lakhs (Calcutta R32 lakhs and Bombay R135 lakhs) coined from Gold Standard Reserve Silver.
(k) " R94,766 coined for Native States and R433 lakhs (Calcutta R168 lakhs and Bombay R265 lakhs) coined from Gold Standard Reserve Silver.
(l) " R1,01,459 coined for Native States.
(m) " R16,56,250 coined for Native States.
(n) " R12,78,441 coined for Native States.

STATEMENT X.

Rupee Census.

		1899.	1900.	1901.	1902.	1903.	1904.	1905.	1906.	1907.	1908.	1909.	1910.	1911.	1912.	1913.	1914.	1915.	1916.	1917.	1918.	191
	William IV. 1835	·4	·4	·3	·3	·25	·2	·19	·19	·15	·15	·17	·12	·11	·08	·07	·07	·07	·06	·06	·05	·0
VICTORIA.	1840, 1st issue	4·5	4·5	4·1	2·1	1·5	·95	·8	·75	·5	·43	·45	·32	·32	·26	·19	·19	·18	·18	·13	·13	·1
	1840, 2nd issue	13·1	12·6	11·8	8·2	4·3	2·8	2·13	1·6	1·2	1·04	·99	·73	·61	·50	·39	·37	·30	·27	·27	·31	·2
	1862	20·95	20·2	19·0	19·85	20·15	18·35	17·2	15·7	14·35	13·54	13·72	13·50	13·52	13·09	12·13	11·42	11·17	11·10	9·64	9·22	7·9
	1874	·85	·9	·76	·77	·75	·75	·75	·65	·55	·56	·59	·53	·54	·61	·52	·42	·51	·50	·43	·52	·4
	1875	1·25	1·2	1·03	1·15	1·15	1·09	·99	·95	·85	·77	·84	·80	·79	·79	·74	·73	·73	·75	·66	·62	·6
	1876	1·5	1·5	1·36	1·4	1·4	1·3	1·25	1·1	1·0	·96	1·01	1·00	·98	·96	·89	·90	·88	·91	·80	·81	·6
	1877	4·7	4·5	4·2	4·4	4·5	4·09	3·85	3·5	3·2	2·95	3·09	3·05	3·09	3·04	2·78	2·70	2·68	2·67	2·32	2·20	1·7
	1878	3·15	3·0	2·9	2·95	3·0	2·85	2·55	2·4	2·2	2·04	2·13	2·12	2·12	2·11	1·91	1·80	1·84	1·86	1·58	1·48	1·2
	1879	2·8	2·8	2·5	2·55	2·6	2·5	2·24	2·0	1·95	1·80	1·87	1·82	1·82	1·82	1·68	1·60	1·62	1·61	1·34	1·25	1·0
	1880	2·7	2·7	2·4	2·45	2·5	2·25	2·08	1·95	1·8	1·66	1·68	1·69	1·67	1·68	1·55	1·50	1·52	1·51	1·29	1·23	1·0
	1881	·37	·4	·3	·3	·3	·35	·28	·25	·25	·23	·24	·24	·20	·22	·22	·22	·23	·23	·22	·26	·2
	1882	3·0	2·0	2·73	2·8	2·8	2·5	2·4	2·2	2·0	1·84	1·87	1·87	1·85	1·78	1·67	1·60	1·68	1·65	1·49	1·35	1·1
	1883	1·1	1·1	1·0	1·0	1·0	·95	·9	·8	·75	·70	·72	·69	·67	·67	·68	·63	·66	·65	·58	·61	·4
	1884	2·2	2·2	1·92	2·0	1·95	1·85	1·75	1·6	1·45	1·33	1·38	1·38	1·36	1·34	1·25	1·20	1·23	1·24	1·05	1·08	·8
	1885	4·2	4·1	3·7	3·85	3·8	3·55	3·25	2·95	2·8	2·51	2·61	2·59	2·60	2·60	2·36	2·30	2·28	2·25	1·96	1·80	1·4
	1886	2·45	2·35	2·15	2·15	2·2	2·01	1·88	1·75	1·6	1·46	1·51	1·50	1·49	1·52	1·35	1·33	1·34	1·36	1·15	1·13	·9
	1887	4·3	4·3	3·9	4·0	4·0	3·65	3·4	3·1	2·8	2·59	2·64	2·58	2·60	2·56	2·34	2·24	2·28	2·33	2·05	1·96	1·7
	1888	3·25	3·2	2·9	3·0	2·95	2·7	2·5	2·35	2·1	1·98	2·03	1·98	1·98	1·97	1·84	1·80	1·78	1·80	1·58	1·55	1·3
	1889	3·7	3·7	3·33	3·35	3·35	3·04	2·85	2·6	2·35	2·16	2·23	2·25	2·23	2·18	2·02	2·00	1·99	2·03	1·73	1·67	1·4
	1890	6·3	6·4	5·6	5·7	5·65	5·04	4·8	4·3	3·85	3·53	3·60	3·70	3·65	3·60	3·34	3·28	3·28	3·26	2·80	2·64	2·1
	1891	3·3	3·4	3·0	3·0	3·0	2·75	2·6	2·35	2·1	1·99	2·00	2·02	2·00	2·00	1·87	1·70	1·79	1·84	1·62	·52	1·2
	1892	5·55	5·6	4·9	5·0	5·0	4·5	4·2	3·85	3·35	3·13	3·21	3·23	3·22	3·20	2·92	2·87	2·82	2·89	2·50	2·30	1·9
	1893	4·32	4·3	3·8	3·75	3·8	3·4	3·2	2·85	2·6	2·37	2·43	2·42	2·37	2·37	2·24	2·18	2·19	2·17	1·90	1·85	1·0
	1897	·01	·1	·17	·15	·15	·18	·15	·17	·15	·18	·16	·17	·13	·16	·14	·15	·14	·15	·16	·17	·1
	1898	·05	·35	·4	·45	·4	·5	·4	·44	·35	·38	·42	·34	·34	·45	·40	·38	·35	·32	·27	·33	·3
	1900	...	1·2	6·8	7·0	7·05	6·3	5·85	5·25	4·7	4·34	4·32	4·30	4·30	4·21	3·84	3·67	3·75	3·73	3·27	3·04	2·4
	1901	...	...	3·05	6·4	9·75	9·4	9·03	8·1	7·35	6·84	6·89	6·74	6·68	6·57	6·07	5·90	5·90	5·90	4·98	4·55	3·6
EDWARD VII.	1903	...	...	...	...	·75	6·6	5·83	4·8	4·2	3·94	3·84	3·58	3·59	3·60	3·46	3·23	3·19	3·23	2·79	2·78	2·2
	1904	...	...	...	...	...	3·6	8·4	8·0	6·8	6·48	6·03	5·82	5·79	5·58	5·21	4·90	4·92	4·92	4·28	3·89	3·1
	1905	...	...	...	...	...	...	2·3	7·8	6·6	6·00	5·74	5·41	5·32	5·14	4·74	4·20	4·40	4·39	3·87	3·60	2·8
	1906	...	...	...	...	...	...	...	3·7	11·6	10·56	9·92	10·35	10·20	10·02	9·40	8·70	8·86	8·86	7·86	7·36	5·9
	1907	...	...	...	...	...	...	...	...	2·5	8·92	8·22	8·56	8·66	9·38	9·17	8·51	8·54	8·40	7·37	6·57	5·2
	1908	...	...	...	...	...	...	...	...	...	·64	1·20	1·48	1·55	1·52	1·75	2·57	1·52	1·46	1·23	1·28	1·0
	1909	...	...	...	...	...	...	...	...	...	...	·25	·95	·90	·96	·95	·91	·85	·83	·75	·61	·1
	1910	...	...	...	...	...	...	...	...	...	...	...	·17	·75	1·09	·94	·95	·85	·85	·82	·85	·9
	1911	...	...	...	...	...	...	...	...	...	...	...	...	...	·03	·13	...	...	...	...	...	...
George V.	1911	...	...	...	...	...	...	...	...	...	...	...	...	...	·13	...	·18	·14	·13	·10	·20	·2
	1912	...	...	...	...	...	...	...	...	...	...	...	...	...	·21	4·63	4·40	4·69	4·62	4·24	3·74	2·9
	1913	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2·22	5·80	5·79	5·51	5·56	4·79	3·6
	1914	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·44	1·05	1·17	1·44	1·32	1·2
	1915	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·01	·34	·74	·97	·7
	1916	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	·07	7·41	6·68	5·1
	1917	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3·71	7·66	6·1
	1918	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2·07	14·0
	1919	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5·6
	TOTAL	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	10

NOTE.—This statement shews the result of the examination undertaken once a year of a portion of the rupees held at the different treasuries in India, to determine the composition of the rupee circulation according to the dates borne by each coin.

STATEMENT XI.

STATE

Value of Currency Notes in circulation

	1863-64.	1864-65.	1865-66.	1866-67.	1867-68.	1868-69.	1869-70.	1870-71.	1871-72.	1872-73.	1873-74.	1874-75.	1875-76.	1876-77.	1877-78.	1878-79.	1879-80.	1880-81.	1881-82.	1882-83.	1883-84.
April	5,13	5,68	7,48	7,02	7,84	8,92	9,80	9,65	10,13	13,34	11,01	9,27	10,75	10,75	11,13	13,30	11,27	12,89	12,86	14,20	13,35
May	5,01	6,04	7,46	7,87	8,19	10,04	10,38	8,68	10,49	13,49	11,21	9,96	11,06	10,70	11,55	13,09	11,17	13,10	13,01	14,67	13,09
June	5,09	5,99	8,34	8,60	8,53	10,04	10,80	8,70	10,83	13,51	11,83	10,15	11,29	11,59	12,67	13,87	11,82	13,64	13,72	14,91	13,01
July	5,11	6,31	8,58	8,67	8,72	10,06	10,53	9,12	10,72	13,47	11,95	10,73	11,18	11,54	12,85	14,07	12,24	13,91	14,04	15,29	13,54
August	5,16	6,37	8,69	8,48	9,39	10,13	10,21	9,45	11,29	13,22	12,05	10,87	11,19	11,91	12,15	14,27	12,74	13,75	14,22	15,29	13,79
September	5,26	6,48	8,87	9,28	9,53	10,41	10,18	10,07	11,32	13,35	12,09	10,60	11,77	11,75	12,39	14,06	13,33	13,47	13,55	15,28	14,40
October	5,63	7,09	7,84	10,16	9,96	10,61	10,76	10,19	11,31	13,00	12,06	10,88	12,04	11,45	13,19	13,70	13,58	13,55	13,39	15,82	14,49
November	5,16	7,13	7,83	10,10	10,21	10,41	11,33	10,27	11,09	13,30	11,73	11,02	11,69	11,93	14,74	13,46	13,75	14,50	13,07	16,25	14,47
December	5,11	7,48	7,40	9,96	10 32	10,30	11,31	10,35	10,87	12,88	10,91	11,08	11,22	11,97	15,05	12,69	13,80	14,38	13,15	16,16	13,39
January	5,15	7,39	6,91	8,68	10,11	10,20	11,42	10,76	13,08	12,16	9,98	11,10	11,77	12,44	15,64	12,15	14,23	14,12	13,39	15,37	12,11
February	5,08	7,40	6,87	8,87	9,56	10,68	10,83	10,07	12,69	11,52	9,69	11,13	11,28	12,07	14,07	12,20	13,28	12,25	13,74	14,42	12,26
March	5,35	7,43	6,90	8,09	9,07	9,96	10,47	10,44	13,17	11,14	9,25	11,24	11,00	11,62	13,57	11,42	12,36	13,40	13,91	14,51	12,76
Average	5,19	6,73	7,76	8,81	9,29	10,15	10,67	9,81	11,42	12,86	11,15	10,67	11,35	11,64	13,25	13,19	12,80	13,66	13,50	15,18	13,39
Reserve Treasury balances held in Notes Average	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	71	1,44	2,35	1,36
Metallic Reserve Average Gold	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" Silver	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7,72	7,49	9,18	7,40
Currency investment on 31st March	2,49	3,57	3,98	3,25	3,25	3,91	3,60	3,26	5,91	5,69	5,69	5,69	5,69	6,00	5,69	6,00	6,00	6,00	6,00	6,00	6,00
Profits of Paper Currency Department	...	13	8	7	10	7	14	12	11	21	19	20	20	21	20	19	25	23	22	21	21

MENT XI

on the last day of each month.

(In lakhs of rupees.)

1884-85.	1885-86.	1886-87.	1887-88.	1888-89.	1889-90.	1890-91.	1891-92.	1892-93.	1893-94.	1894-95.	1895-96.	1896-97.	1897-98.	1898-99.	1899-1900.	1900-01.
12,34	13,02	13,7	14,02	16,54	15,82	17,42	25,71	23,96	24,22	30,64	30,76	25,92	23,91	24,28	28,02	27,90
13,24	13,54	14,17	13,90	17,03	15,77	17,65	26,18	25,28	24,99	31,13	30,17	26,89	22,86	23,25	28,25	28,65
13,83	14,86	13,78	14,08	17,69	16,24	17,94	26,81	26,77	26,49	31,40	30,86	27,78	23,39	24,92	29,14	30,41
14,56	14,50	14,26	15,48	18,05	16,49	19,18	27,04	28,46	27,05	31,20	32,43	29,59	24,76	26,34	29,27	30,78
14,97	14,36	14,44	15,66	17,69	16,15	20,50	26,93	29,07	28,30	31,57	31,54	28,23	24,60	26,32	28,76	28,44
15,01	15,55	14,30	16,78	16,94	16,14	22,97	26,24	28,97	28,98	31,23	30,37	26,89	24,74	25,64	27,63	28,31
15,16	15,71	14,53	17,78	16,74	16,63	25,66	25,99	28,94	28,59	31,81	29,98	25,08	24,59	25,84	27,67	28,30
15,76	15,64	14,68	18,61	15,50	16,67	26,54	25,88	28,83	29,62	32,35	28,39	24,53	24,65	25,79	27,33	28,35
15,08	15,20	14,41	17,69	15,15	15,47	27,04	24,85	26,05	30,13	31,45	27,82	25,26	23,79	25,20	26,26	28,06
14,97	15,41	14,10	17,08	15,28	16,29	27,66	22,62	26,61	30,52	29,50	27,12	24,27	24,32	25,67	27,18	29,37
14,53	14,56	14,07	16,45	14,83	16,37	26,42	22,90	25,86	30,20	30,35	25,99	23,58	24,53	26,24	27,27	28,10
14,[illegible]5	14,17	13,88	16,42	15,74	15,77	25,69	24,08	26,40	30,41	30,70	25,94	23,75	24,76	26,20	28,74	29,87
14,54	14,71	14,20	16,16	16,43	16,15	22,89	25,44	27,10	28,29	31,11	29,28	25,98	24,24	25,63	27,96	28,88
1,49	79	86	62	1,15	1,01	1,74	2,14	2,27	6,08	7,16	3,42	1,85	1,49	2,11	2,47	2,34
...	...	...	...	...	...	...	...	...	...	...	...	...	...	70	6,54	12,19
8,45	8,72	8,21	10,19	10,49	10,17	16,64	18,33	19,10	20,29	23,11	21,28	17,31	14,22	14,93	11,42	6,68
6,00	5,99	5,99	5,99	5,98	6,00	7,00	8,00	8,00	8,00	8,00	8,00	10,00	10,00	10,00	10,00	10,00
22	20	21	21	21	21	21	24	29	27	28	29	22	24	28	29	29

STATEMENT XI—*contd.*

Value of Currency Notes in circulation on the last day of each month.

(In lakhs of rupees.)

	1901-02.	1902-03.	1903-04.	1904-05.	1905-06.	1906-07.	1907-08.	1908-09.	1909-10.	1910-11.	1911-12.	1912-13.	1913-14.	1914-15.	1915-16.	1916-17.	1917-18.	1918-19.
April . .	28,59	31,25	33,94	36,11	39,78	43,76	46,22	46,26	43,65	52,84	54,69	58,34	66,44	65,46	60,24	65,47	82,72	1,05,90
May .	29,08	31,56	35,13	37,26	40,19	42,89	46,07	44,81	46,77	54,30	55,10	58,89	66,25	66,77	61,99	66,31	88,31	1,11,53
June . .	31,82	33,59	36,57	40,65	41,36	45,56	48,05	45,15	49,29	56,95	58,22	64,12	68,48	70,26	66,48	71,39	93,29	1,14,79
July . .	31,69	35,20	37,57	42,52	41,58	47,30	50,32	48,10	51,53	59,16	60,29	66,59	69,90	75,45	68,06	75,48	99,31	1,21,41
August .	30,89	35,58	37,70	41,35	43,79	45,70	51,77	44,61	51,74	58,06	59,69	68,16	67,23	65,79	66,41	74,01	1,05,15	1,31,41
September .	30,55	34,65	36,61	39,96	42,73	44,40	52,74	43,84	50,82	56,10	56,32	68,33	61,80	60,52	63,81	71,55	1,08,43	1,34,38
October . .	31,86	34,36	37,00	39,45	41,58	45,22	50,65	44,25	50,50	53,35	56,61	65,79	61,90	60,78	63,59	73,32	1,14,77	1,36,43
November .	30,60	34,26	36,98	39,80	39,63	44,13	47,43	43,55	46,53	52,10	58,05	67,27	64,79	61,19	62,06	76,50	1,12,93	1,40,76
December .	28,07	33,74	34,43	38,79	39,77	45,61	43,27	42,07	48,25	49,67	56,18	65,70	64,57	60,83	62,34	82,17	1,08,31	1,47,09
January .	27,93	32,13	35,47	37,62	40,49	44,65	41,82	42,21	51,84	51,12	54,70	67,75	63,94	60,26	62,42	84,36	1,04,82	1,49,74
February .	27,68	32,85	37,29	37,73	42,63	45,49	42,66	43,86	50,57	53,52	57,19	67,54	65,18	59,55	64,01	86,76	1,03,46	1,51,48
March .	31,66	35,72	38,21	39,18	44,66	46,95	46,89	45,49	54,41	54,99	61,36	68,98	66,12	61,63	67,73	86,37	99,79	1,53,46
Average .	30,03	33,74	36,41	39,20	41,52	45,14	47,32	44,52	49,66	54,35	57,37	65,62	65,55	64,04	64,10	76,14	1,01,77	1,33,20
Reserve Treasury balances held in Notes Average .	4,16	4,13	3,65	3,87	3,57	3,66	4,82	3,76	2,64	5,80	5,53	10,71	9,93	4,76	3,70	3,78	3,74	1,64
Metallic Reserve Average Gold .	7,62	10,24	15,11	16,67	16,31	12,69	13,40	4,09	4,75	12,34	20,36	36,63	33,54	19,22	16,49	23,22	20,86	20,27
„ Silver	12,42	13,50	11,30	12,53	13,87	20,45	21,93	28,43	32,91	30,01	23,01	14,99	18,01	30,82	32,61	21,85	20,67	26,33
Currency investment on 31st March .	10,00	10,00	10,00	10,00	12,00	12,00	12,00	12,00	12,00	12,00	14,00	14,00	14,00	14,00	20,00	48,49	61,48	98,58
Profits of Paper Currency Department .	24	27	27	25	27	33	25	26	27	18	22	23	20	27	24	71	1,53	2,40

STATEMENT XII.

Value of Currency Notes in circulation throughout India during 1918-19 and previous years.

	CALCUTTA.	CAWNPORE.	LAHORE.	BOMBAY.	KARACHI.	MADRAS.	CALICUT.	RANGOON.	TOTAL
	Value of Notes in circulation.	Value of Notes in circulation.	Value of Notes in circulation.	Value of Notes in circulation.	Value of Notes in circulation.	Value of Notes in circulation.	Value of Notes in circulation.	Value of Note circulation.	Value of Notes circulation.
Average of 1862-63 to 1866-67	2,69,33,972	20,98,127(a)	20,77,591(a)	3,04,52,274	9,61,243(b)	60,14,446	3,45,821(a)	.....	6,64,98,113
" 1867-68 to 1871-72	3,77,08,263	35,03,005	30,29,804	4,73,69,682	21,04,702	81,01,317	8,40,554	.....	10,26,57,327
" 1872-73 to 1876-77	4,85,28,273	66,13,652	55,48,411	3,86,91,351	19,17,039	1,18,90,593	21,58,582	.....	11,53,47,901
" 1877-78 to 1881-82	6,36,26,928	58,39,749	68,53,483	3,75,04,227	28,35,309	1,43,99,405	17,54,136	.....	13,28,13,237
" 1882-83 to 1886-87	6,32,94,733	73,46,597	78,90,464	4,44,29,612	37,85,266	1,41,73,405	12,42,570	23,45,849(c)	14,40,39,326
" 1887-88 to 1891-92	7,55,28,706	93,32,570	1,03,35,142	6,61,13,610	49,21,086	2,17,27,645	15,86,244	45,96,834	19,41,41,837
" 1892-93 to 1896-97	11,66,66,705	1,24,39,476	1,63,88,145	9,14,38,035	74,74,756	3,11,76,919	15,70,975	63,73,527	28,35,28,538
" 1897-98 to 1901-02	11,66,12,090	1,35,80,579	2,02,93,085	7,52,18,545	72,85,468	3,04,66,242	15,24,750	85,13,154	27,34,93,893
" 1902-03 to 1906-07	16,37,64,515	2,04,82,663	2,83,93,678	10,84,39,796	1,03,28,794	4,22,65,899	18,28,615	1,65,07,822	39,20,11,782
" 1907-08 to 1911-12	20,82,66,121	2,56,99,584	3,35,22,552	13,11,96,698	1,49,82,723	5,93,91,275	19,61,808(b)	3,25,74,992	50,64,18,668
" 1912-13	28,42,62,019	2,40,57,345	2,91,66,391	17,06,56,935	1,18,43,344	8,34,41,987	.....	5,27,79,991	65,62,08,012
" 1913-14	28,37,07,370	2,63,73,121	3,62,26,090	15,76,38,493	1,51,41,950	8,45,37,578	.....	5,18,82,638	65,55,07,240
" 1914-15	27,02,58,360	3,09,54,[illegible]94	3,64,41,395	15,94,45,574	1,89,71,025	7,59,56,874	.....	4,83,74,447	64,04,01,769
" 1915-16	25,47,40,130	2,95,33,852	4,27,02,157	15,41,94,926	2,66,83,420	8,05,58,249	.....	5,25,37,640	64,09,50,374
" 1916-17	28,43,50,700	2,25,92,672	5,59,83,332	21,83,21,052	2,63,22,231	9,39,78,294	.....	5,96,68,300	78,14,16,581
" 1917-18	33,89,23,146	3,18,20,596	6,88,12,770	36,85,63,255	4,63,79,001	11,13,80,713	.....	6,18,55,687	1,01,77,35,168
" 1918-19	38,08,76,505	6,41,92,789	10,96,87,086	46,23,87,165	5,24,53,622	16,80,04,082	.....	9,44,34,960	1,33,20,36,209
Increase in 1918-19 as compared with 1917-18	+4,19,53,359	+3,23,72,193	+4,08,74,316	+9,38,23,910	+1,60,74,621	+5,66,23,369	.....	+3,25,79,273	+31,43,01,041
Percentage of increase in 1918-19 on average circulation of 1917-18	12·379	101·734	59·399	25·456	44·186	50·838	.....	52·669	30·882

(a) Average for 3 years.
(b) " " 2 "
(c) " " 4 "

STATEMENT XIII.

Value of Currency Note in circulation in India in the years 1913-14 to 1918-19.

(In thousands of rupees.)

LAST DAY OF	Calcutta.	Cawnpore.	Lahore.	Bombay.	Karachi.	Madras.	Rangoon.	TOTAL.
1913-14.								
April 1913	30,93,36	2,14,64	3,07,90	12,93,57	1,40,68	10,35,31	5,58,25	66,43,71
May	31,91,06	1,99,07	2,88,65	13,57,49	1,30,34	9,30,17	5,28,07	66,24,85
June	32,06,72	2,33,58	3,07,25	15,54,47	1,38,21	9,06,92	5,01,35	68,48,50
July	31,06,47	2,35,87	4,30,41	17,56,40	1,28,10	8,72,19	4,60,40	69,89,84
August	28,09,00	2,83,91	4,53,12	17,16,26	1,37,18	8,55,72	4,68,29	67,23,48
September	25,01,26	2,47,57	4,18,60	16,29,98	1,32,71	8,11,46	4,38,37	61,79,95
October	24,82,18	2,58,85	3,81,91	17,32,87	1,60,24	7,52,98	4,21,45	61,90,48
November	[illegible]3,04,16	2,62,51	3,41,90	17,68,55	1,77,02	7,25,15	4,00,01	64,79,30
December	2[illegible],[illegible]6,70	2,78,19	3,35,01	17,24,92	1,77,27	7,48,88	4,65,81	64,56,78
January 1914	[illegible],[illegible]1,20	3,27,70	3,71,93	14,67,03	1,59,71	7,76,77	6,20,07	63,94,41
February	26,32,48	3,11,08	3,54,02	14,88,26	1,59,73	8,44,86	7,27,38	65,17,81
March	28,20,30	3,11,78	3,56,45	14,26,81	1,75,84	8,84,11	6,36,47	66,11,76
1914-15.								
April 1914	28,77,13	3,17,34	3,97,56	13,48,30	1,83,50	8,36,22	5,85,74	65,45,79
May	30,41,84	3,19,60	3,42,69	14,88,44	1,62,99	7,98,60	5,22,70	66,76,86
June	31,80,93	3,41,43	3,61,92	16,59,49	1,48,05	8,15,80	5,18,47	70,26,09
July	33,33,91	3,58,82	4,72,58	19,11,11	1,57,08	8,16,53	4,94,50	75,44,53
August	29,56,66	3,33,86	3,27,24	15,65,67	1,79,50	7,67,20	4,48,58	65,78,71
September	24,85,61	3,37,41	3,26,64	16,10,53	1,79,89	6,93,89	4,18,28	60,52,25
October	24,84,35	3,29,64	3,13,50	16,93,61	1,89,25	6,54,43	4,13,45	60,78,23
November	24,40,29	2,79,61	3,30,34	18,11,99	2,03,53	6,27,53	4,25,57	61,18,86
December	24,50,75	2,65,75	3,29,17	16,53,63	2,16,04	7,17,68	4,50,26	60,83,28
January 1915	24,93,69	2,66,82	3,55,58	14,89,80	2,03,38	7,48,93	4,67,74	60,25,94
February	22,82,71	2,80,25	3,90,21	14,53,98	2,09,27	7,87,86	5,50,39	59,54,67
March	24,03,12	2,83,95	4,25,55	14,46,91	2,44,04	8,50,16	5,09,27	61,63,00
1915-16.								
April 1915	23,68,57	2,64,80	4,63,34	13,66,20	2,61,33	7,88,91	5,11,27	60,24,42
May	25,26,46	2,77,91	4,33,11	13,94,12	3,36,39	7,19,79	5,11,30	61,99,08
June	28,02,92	3,12,60	4,00,23	15,56,57	3,57,54	7,08,67	5,09,35	66,47,88
July	29,01,94	3,41,49	4,03,09	16,39,61	2,94,99	7,10,97	5,14,01	68,06,10
August	26,45,50	3,43,57	3,99,48	16,30,28	2,67,31	8,43,22	5,11,62	66,40,98
September	24,22,92	3,51,19	3,79,20	16,45,74	2,65,05	8,27,23	4,89,21	63,80,54
October	24,70,37	3,32,22	3,83,00	16,31,51	2,39,76	8,22,68	4,79,07	63,58,61
November	24,60,50	2,97,01	4,18,63	15,16,80	2,32,39	8,17,64	4,63,15	62,06,12
December	24,25,55	2,56,09	4,62,57	15,33,60	2,35,45	8,35,57	4,85,66	62,34,49
January 1916	23,98,37	2,48,67	4,33,79	14,93,47	2,29,76	8,73,08	5,64,51	62,41,65
February	25,07,21	2,48,14	4,18,63	14,83,12	2,27,34	8,46,25	6,70,11	64,00,80
March	26,38,50	2,70,36	5,29,19	16,12,38	2,54,70	8,72,97	5,95,25	67,73,35

STATEMENT XIII—*contd.*

Value of Currency Notes in circulation in India in the years 1913-14 to 1918-19.

(In thousands of rupees.)

LAST DAY OF	Calcutta.	Cawnpore.	Lahore.	Bombay.	Karachi.	Madras.	Rangoon.	TOTAL.
1916-17.								
April 1916	24,74,94	2,09,01	5,74,28	15,72,93	2,79,83	8,57,95	5,77,96	65,46,90
May	26,32,89	1,71,07	5,21,06	16,60,59	2,62,95	8,44,38	5,38,16	66,31,10
June	28,86,22	1,97,99	5,15,04	19,09,77	2,58,23	8,39,42	5,32,82	71,39,49
July	30,75,34	2,65,83	5,32,95	20,72,58	2,20,47	8,61,26	5,19,51	75,47,94
August	28,09,99	3,48,74	5,16,40	21,15,11	2,33,04	8,72,60	5,05,21	74,01,09
September	24,80,67	2,93,84	5,70,36	21,52,51	2,22,45	8,82,61	5,52,29	71,54,73
October	26,32,92	3,01,80	5,79,36	21,26,06	2,14,24	9,37,98	5,39,19	73,31,55
November	29,07,79	2,43,86	5,50,88	21,24,36	2,45,73	10,22,44	5,55,51	76,50,57
December	29,37,14	1,98,88	5,90,65	25,43,25	2,91,74	10,44,76	6,10,25	82,16,67
January 1917	30,52,49	1,42,79	5,58,51	26,25,15	2,94,36	10,42,48	7,20,52	84,36,30
February	30,80,30	1,65,39	5,55,05	26,76,66	3,24,81	10,56,10	8,17,82	86,76,13
March	31,75,40	1,71,93	6,53,46	26,19,56	3,10,80	10,15,41	6,90,96	86,37,52
1917-18.								
April 1917	31,03,72	1,17,80	6,69,28	24,80,97	3,04,62	9,67,20	6,28,76	82,72,35
May	33,00,88	62,09	6,71,95	29,04,63	3,04,12	10,00,80	5,86,26	88,30,73
June	34,50,89	3,99,18	6,05,44	29,86,27	2,90,19	10,17,67	5,79,01	93,28,65
July	36,15,55	4,83,25	5,92,33	33,01,31	2,91,68	10,60,79	5,86,30	99,31,21
August	35,64,79	5,07,96	6,22,13	37,89,63	3,36,76	10,93,65	6,00,35	1,05,15,27
September	34,53,28	5,00,06	6,47,72	41,67,88	3,54,10	11,29,55	5,90,34	1,08,42,93
October	35,57,90	3,19,75	6,58,40	48,52,58	3,76,97	11,56,18	5,55,09	1,14,76,87
November	35,47,22	3,10,49	6,93,15	45,68,05	3,87,21	12,05,22	5,81,25	1,12,92,59
December	34,85,84	2,85,73	7,43,38	40,47,11	3,94,08	12,44,92	6,29,51	1,08,30,57
January 1918	33,48,21	2,50,94	7,58,44	38,45,58	4,33,48	11,93,43	6,51,55	1,04,81,63
February	32,13,64	2,72,36	7,53,62	37,76,90	4,42,82	11,60,09	7,26,62	1,03,46,05
March	30,28,88	3,08,87	8,41,69	35,06,68	4,49,44	11,36,17	7,07,65	99,79,38
1918-19.								
April 1918	31,69,49	2,95,12	9,39,38	38,10,93	3,86,54	12,97,85	6,96,74	1,05,96,05
May	34,00,72	3,70,29	10,18,67	39,54,70	3,53,08	13,89,40	6,66,06	1,11,52,92
June	35,44,15	3,39,97	9,63,71	41,40,24	3,82,70	14,66,85	6,41,07	1,14,78,69
July	37,15,19	3,73,76	8,86,15	45,72,94	4,46,93	14,88,53	6,57,34	1,21,40,33
August	40,05,67	3,80,06	9,50,43	50,10,34	4,61,93	16,21,35	7,11,33	1,31,41,11
September	41,27,13	3,91,21	11,03,01	48,99,90	4,90,72	16,66,34	7,60,07	1,34,38,38
October	42,54,98	4,84,21	11,65,73	47,74,58	5,11,71	16,09,37	8,42,38	1,36,42,96
November	39,55,63	8,54,85	11,94,34	49,73,85	6,69,04	15,99,25	8,28,82	1,40,75,78
December	37,07,51	11,24,30	11,13,71	49,46,37	7,27,38	19,37,32	11,52,31	1,47,08,90
January 1919	37,09,66	10,72,22	11,87,11	48,82,17	7,74,65	19,31,09	14,16,99	1,49,73,89
February	40,40,94	10,03,61	12,57,01	47,01,07	5,55,34	20,31,53	15,58,85	1,51,48,35
March	40,74,12	10,13,54	13,83,18	48,19,37	5,34,41	21,21,62	14,00,24	1,53,46,48

STATEMENT XIV.

Statement of Net note Circulation during 1918-19 and the preceding two years by circles.

(i.e., *gross circulation less the balances held in Reserve Treasuries in notes.*)

(In lakhs of rupees.)

Last Day of	Calcutta.			Cawnpore.			Lahore.			Bombay.			Karachi.			Madras.			Rangoon.			Total.		
	1916-17.	1917-18.	1918-19.	1916-17.	1917-18.	1918-19.	1916-17.	1917-18.	1918-19.	1916-17.	1917-18.	1918-19.	1916-17.	1917-18.	1918-19.	1916-17.	1917-18.	1918-19.	1916-17.	1917-18.	1918-19.	1916-17.	1917-18.	1918-19.
April	23,55	30,66	29,69	2,09	1,18	2,95	5,74	6,69	9,39	15,14	24,77	36,53	2,80	3,05	3,87	8,45	9,44	12,44	5,78	6,29	6,97	63,55	82,08	1,01,84
May	24,91	30,81	33,38	1,71	62	3,70	5,21	6,72	10,19	16,54	27,67	39,49	2,63	3,04	3,53	8,16	9,70	13,52	5,38	5,86	6,66	64,54	84,42	1,10,47
June	26,52	30,99	33,91	1,98	3,99	3,40	5,15	6,05	9,64	18,23	28,73	41,20	2,58	2,90	3,83	8,15	9,76	14,57	5,33	5,79	6,41	67,94	88,21	1,12,96
July	27,12	30,56	36,93	2,66	4,83	3,74	5,33	5,92	8,86	20,03	31,02	44,69	2,20	2,92	4,47	8,27	9,77	14,66	5,20	5,86	6,58	70,81	90,88	1,19,93
August	25,53	31,34	38,96	3,49	5,08	3,80	5,17	6,22	9,50	19,69	37,65	50,03	2,33	3,37	4,62	8,47	10,24	15,90	5,05	6,00	7,11	69,73	99,90	1,29,92
September	22,81	32,95	39,90	2,94	5,00	3,91	5,70	6,48	11,03	18,55	40,07	48,79	2,23	3,54	4,91	8,62	10,93	16,23	5,52	5,90	7,60	66,37	1,05,77	1,32,37
October	23,81	33,68	42,25	3,02	3,20	4,84	5,79	6,58	11,66	19,99	47,75	47,65	2,14	3,77	5,12	9,16	11,22	15,99	5,39	5,55	8,42	69,30	1,11,75	1,35,93
November	26,33	34,28	39,29	2,44	3,11	8,55	5,51	6,93	11,94	20,63	43,99	49,73	2,46	3,87	6,69	9,93	11,73	15,94	5,55	5,81	8,29	72,90	1,09,72	1,40,43
December	27,73	33,43	36,90	1,99	2,86	11,24	5,91	7,43	11,14	24,25	38,89	49,40	2,92	3,94	7,28	10,21	12,26	19,23	6,10	6,30	11,52	79,11	1,05,11	1,46,71
January	28,56	31,77	36,71	1,43	2,51	10,72	5,58	7,58	11,87	24,79	37,24	47,79	2,94	4,33	7,75	9,65	11,17	19,15	7,21	6,52	14,17	80,16	1,01,12	1,48,16
February	28,39	30,90	39,68	1,65	2,72	10,04	5,55	7,54	12,57	25,64	36,11	46,81	3,25	4,43	5,55	9,30	10,70	19,70	8,18	7,26	15,59	81,96	99,66	1,49,94
March	29,10	28,89	39,66	1,72	3,09	10,13	6,53	8,42	13,83	25,13	34,60	46,89	3,11	4,49	5,34	9,48	11,21	20,21	6,91	7,08	14,00	81,98	97,78	1,50,06
Average	26,20	31,69	37,27	2,26	3,18	6,42	5,60	6,88	10,97	20,72	35,78	45,75	2,63	3,64	5,25	8,99	10,68	16,46	5,96	6,18	9,44	72,36	98,03	1,31,56

STATEMENT XV.

Statement of Active Note Circulation during 1918-19 and the preceding two years.

[In lakhs of rupees]

LAST DAY OF MONTH.	Gross circulation on last day of month.			Amounts held in Reserve Treasuries.			Amounts held in other Treasuries.			Total held in Treasuries.			Balance, being notes in circulation with the public.			Notes held by Presidency Banks at Head Offices.			Active circulation among the people.		
	1916-17.	1917-18.	1918-19.	1916-17.	1917-18.	1918-19.	1916-17.	1917-18.	1918-19.	1916-17.	1917-18.	1918-19.	1916-17.	1917-18.	1918-19.	1916-17.	1917-18.	1918-19.	1916-17.	1917-18.	1918-19.
April	65,47	82,72	1,05,96	1,92	65	4,12	3,79	3,84	3,27	5,71	4,49	7,39	59,76	78,23	98,57	6,09	12,62	12,23	53,67	66,21	86,34
May	66,31	88,31	1,11,53	1,77	3,89	1,06	2,73	3,56	3,76	4,50	7,45	4,82	61,81	80,86	1,06,71	9,92	16,33	16,00	51,89	64,53	90,71
June	71,39	93,29	1,14,79	3,45	5,07	1,83	2,52	7,14	5,19	5,97	12,21	7,02	65,42	81,08	1,07,77	12,75	18,81	15,35	52,67	62,27	92,42
July	75,48	99,31	1,21,41	4,67	8,43	1,48	2,88	6,63	4,30	7,55	15,06	5,78	67,93	84,25	1,15,63	15,11	20,11	19,55	52,82	64,14	96,08
August	74,01	1,05,15	1,31,41	4,28	5,26	1,49	2,57	8,16	4,39	6,85	13,42	5,88	67,16	91,73	1,25,53	11,98	24,74	22,44	55,18	66,99	1,03,09
September	71,55	1,08,43	1,34,38	5,17	2,66	2,01	2,50	4,90	4,55	7,67	7,56	6,56	63,88	1,00,87	1,27,82	7,22	30,88	17,14	56,66	69,99	1,10,68
October	73,32	1,14,77	1,36,43	4,01	3,02	50	2,58	2,34	4,02	6,59	5,36	4,52	66,73	1,09,41	1,31,91	5,61	36,00	11,93	61,12	73,41	1,19,98
November	76,50	1,12,93	1,40,76	3,61	3,21	33	2,76	2,38	4,03	6,37	5,59	4,36	70,13	1,07,34	1,36,40	6,37	33,15	9,03	63,76	74,19	1,27,37
December	82,17	1,08,31	1,47,09	3,06	3,20	38	2,94	2,46	3,61	6,00	5,66	3,99	76,17	1,02,65	1,43,10	9,29	23,83	7,71	66,88	78,77	1,35,39
January	84,36	1,04,82	1,49,74	4,20	3,69	1,58	3,63	3,80	5,06	7,83	7,49	6,64	76,53	97,33	1,43,10	12,27	19,06	7,71	64,26	78,27	1,35,39
February	86,76	1,03,46	1,51,48	4,80	3,80	1,54	3,83	4,03	5,46	8,63	7,83	7,00	78,13	95,63	1,44,48	11,76	16,28	9,50	66,37	79,35	1,34,98
March	86,37	99,79	1,53,46	4,40	2,02	3,40	3,17	3,49	4,08	7,57	5,51	7,48	78,80	94,28	1,45,98	11,72	9,98	12,45	67,08	84,30	1,33,58
Average	76,14	1,01,77	1,33,20	3,78	3,74	1,64	2,99	4,39	4,31	6,77	8,13	5,95	69,37	93,64	1,27,25	10,01	21,77	13,41	59,36	71,87	1,13,84

STATEMENT XVI.

Gross circulation of each denomination of note on the 31st March 1919.

Circle.	Number of Notes for Rupees										Total.	
	1	2/8	5	10	20	50	100	500	1,000	10,000	Pieces.	Value.
												Rs.
Calcutta	18,887,006	772,278	1,347,379	18,434,346	3,825	289,674	642,793	17,140	52,445	5,546	40,472,432	40,74,12,556
Cawnpore	10,294,398	961,422	554,660	1,584,699	1,466	191,755	468,848	3,163	3,872	817	13,975,100	10,13,53,613
Lahore	8,960,686	1,581,085	2,263,259	3,171,514	3,311	193,539	540,293	8,391	7,035	732	16,729,895	13,83,17,803½
Bombay	29,548,438	1,191,052	9,290,327	12,861,881	5,670	334,676	1,046,197	14,015	75,076	7,079	54,374,411	48,19,36,913
Karachi	6,478,926	8,592	256,832	1,615,226	904	65,963	110,649	791	6,368	836	8,545,087	5,34,41,456
Madras	16,694,933	2,509,248	3,794,938	2,151,465	1,778	—108,789	1,202,818	4,951	4,351	2,700	26,258,393	21,21,61,803
Rangoon	14,291,263	355,035	874,443	7,082,898	735	12,690	368,934	936	1,883	975	22,989,792	14,00,23,645½
TOTAL	105,065,650	7,378,712	18,381,838	46,922,029	17,689	979,508	4,380,532	49,387	151,080	18,685	183,345,110	1,53,46,47,790
Percentage of increase	+3,107·2	+930·4	+68·7	+71·7	—9·7	+41·8	+34·7	—1·0	+9·5	+31·7	...	...
Total for 31st March 1918	3,275,931	716,129	10,897,857	27,331,814	19,581	690,652	3,253,072	49,879	137,993	14,190	46,387,098	99,79,37,599
Percentage of increase	...	...	+64·5	+20·9	—9·6	+37·0	+28·5	+1·9	+22·7	—24·8	...	...
Total for 31st March 1917	...	...	6,624,239	22,598,076	21,659	504,130	2,532,181	48,944	112,420	28,890	32,460,539	86,37,51,735

* The anomaly of a *minus* sign is due to the procedure under which foreign circle notes held in currency chests are treated as home notes for the purpose of the currency accounts. The foreign notes of the R50 denominations held on the 31st March in the currency chests of the Madras circle where the *minus* sign occurs and thus temporarily withdrawn from circulation exceeded the total of the notes of these denominations in the circle in circulation.

STATEMENT XVII.

Details of comparative circulation of notes on the 31st March in 1918-19 and the two preceding years.

Circle and Period.	Circulation in lakhs of rupees of notes for									Percentage to gross circulation (excluding Rs. 10,000 notes) of the circulation of notes for									
	Re. 1.	Rs. 2-8.	Rs. 5.	Rs. 10.	Rs. 20.	Rs. 50.	Rs. 100.	Rs. 500.	Rs. 1,000.	Re. 1.	Rs. 2-.	Rs. 5.	Rs. 10.	Rs. 20.	Rs. 50.	Rs. 100.	Rs. 500.	Rs. 1,000.	Total.
Calcutta.																			
1916-17			29	9,98	1	32	7,82	1,05	4,72			1·2	41·3	·1	1·3	32·3	4·3	19·5	100
1917-18	16	20	54	10,02	1	34	7,97	96	4,72	·6	·8	2·2	40·2	...	1·4	32·0	3·8	19·0	100
1918-19	1,89	19	67	18,45	1	1,45	6,43	86	5,24	5·4	·5	1·9	52·4	...	4·1	18·3	2·5	14·9	100
Cawnpore.																			
1916-17			8	14	1	9	33	22	47			6·0	10·4	·8	6·7	24·6	16·4	35·1	100
1917-18	−4	−10	12	48	...	9	1,14	17	42	−1·7	−4·4	·3	21·0	...	3·9	50·0	7·5	18·4	100
1918-19	1,02	24	28	1,58	..	96	4,69	16	39	10·9	2·6	3·0	17·0	...	10·3	50·3	1·7	4·2	100
Lahore.																			
1916-17			48	1,54	1	38	2,88	37	52			7·8	25·0	·1	6·1	46·6	6·0	8·4	100
1917-18	...	−1	75	2,16	1	40	3,75	38	52	...	−·1	9·4	27·2	·1	5·0	47·1	4·8	6·5	100
1918-19	90	32	1,13	3,17	1	97	5,40	42	71	6·9	3·0	8·6	24·2	·1	7·4	41·2	3·2	5·4	100
Bombay																			
1916-17			1,70	5,24	1	1,68	4,64	58	4,65			9·2	28·3	·1	9·1	25·1	3·1	25·1	100
1917-18	11	5	3,06	8,33	1	2,91	8,04	71	7,04	·4	·1	10·1	27·5	...	9·6	26·6	2·4	23·3	100
1918-19	2,95	30	4,65	12,86	1	1,67	10,46	70	7,51	7·2	·7	11·3	31·3	...	4·1	25·4	1·7	18·3	100
Karachi.																			
1916-17			6	74	...	21	59	4	42			3·6	36·0	...	10·1	28·6	2·0	20·3	100
1917-18	...	...	11	1,12	...	31	94	5	56	...	...	3·6	36·3	...	10·0	30·4	1·6	18·1	100
1918-19	65	...	13	1,61	...	33	1,11	4	64	14·4	...	2·9	35·7	...	7·3	24·6	·9	14·2	100
Madras.																			
1916-17			61	1,09	1	−23*	6,77	18	27			7·0	12·5	·1	−2·6*	77·8	2·1	3·1	100
1917-18	9	4	74	38	1	−64*	8,18	22	35	·8	·4	7·1	13·3	·1	−6·2*	79·0	2·1	3·4	100
1918-19	1,67	63	1,90	2,15	...	−54	12,03	25	43	9·0	3·4	10·3	11·6	...	−3·0	65·0	1·4	2·3	100
Rangoon.																			
1916-17			9	3,87	...	7	2,29	1	19			1·4	59·3	...	1·0	35·1	·2	3·0	100
1917-18	1		13	3,84	...	5	2,51	1	19	·2		1·9	57·0	...	·8	37·3	...	2·8	100
1918-19	1,43	9	44	7,08	...	6	3,69	5	19	11·0	·7	3·4	54·3	...	·5	28·3	·4	1·4	100
All Circles.																			
1901-02			40	5,60	68	1,22	7,79	2,56	5,50			1·7	23·4	3·6	5·1	32·6	10·7	22·9	100
1911-12			1,30	15,09	13	1,90	10,52	2,80	9,30			2·8	32·1	·3	4·0	35·1	5·9	19·8	100
1912-13			1,48	17,94	10	1,72	17,76	2,72	9,04			2·9	35·3	·2	3·4	35·0	5·4	17·8	100
1913-14			1,61	17,73	8	1,78	17,81	2,64	9,17			3·2	34·9	·2	3·5	35·0	5·2	18·0	100
1914-15			1,56	14,99	6	1,75	16,05	2,36	9,20			3·4	32·6	·1	3·8	35·0	5·1	20·0	100
1915-16			2,25	18,80	5	2,24	20,39	2,33	8,99			4·0	34·2	·1	4·2	37·0	4·2	16·3	100
1916-17			3,31	22,60	5	2,52	25,32	2,45	11,24			4·9	33·5	·1	3·7	37·5	3·6	16·7	100
1917-18	33	18	5,45	27,33	4	3,45	32,53	2,49	13,80	·4	·2	6·4	31·9	...	4·1	38·0	2·9	16·1	100
1918-19	10,51	1,84	9,20	46,90	3	4,90	43,81	2,48	15,11	7·8	1·4	6·8	34·8	...	3·6	32·5	1·9	11·2	100

* For explanation of the minus entry, *vide* footnote to the preceding statement (Statement XVI).

STATEMENT XVIII.

Encashment of Foreign Circle Notes.

Circle.	Cashed by							Total.			
	Calcutta.	Cawnpore.	Lahore.	Bombay.	Karachi.	Madras.	Rangoon.	1918-19.	1917-18.	1916-17.	1915-16.
	R	R	R	R	R	R	R	R	R	R	R
Calcutta	...	71,12,742½	75,81,228	2,08,23,296	23,29,627	58,15,914	8,11,751½	4,44,74,559	4,60,79,983	4,72,85,290	4,09,87,190
Cawnpore	4,37,73,978	...	1,35,64,553	1,42,37,408	20,31,600	16,64,036½	1,45,356½	7,54,16,932	3,03,99,535	3,32,39,375	4,04,33,785
Lahore	3,65,13,154	65,50,890	...	2,08,46,754	99,58,045	18,57,624	1,60,940½	7,58,87,407½	5,56,84,181	5,31,00,950	5,23,27,605
Bombay	4,02,62,111	72,63,743½	1,62,98,578½	...	63,21,145	3,50,12,112	7,33,888½	10,58,91,578½	7,29,76,611	5,11,48,775	3,43,16,080
Karachi	57,64,164	11,60,555	07,21,748	97,22,499	...	11,67,915	58,846	2,75,95,227	1,53,09,860	1,49,81,570	2,39,69,525
Madras	1,78,97,235½	20,26,335	34,88,795	2,87,15,449	8,21,974½	...	3,52,509½	5,33,02,298½	4,80,80,665	4,25,67,670	3,43,45,515
Rangoon	1,26,54,411	5,70,307	5,54,193	21,98,848	1,25,856	21,67,209	...	1,82,70,824	96,60,[illegible]	95,83,715	94,47,860
Total of 1918-19	15,68,65,053½	2,46,84,573	5,12,09,095½	9,65,44,254	2,15,88,247½	4,76,84,810½	22,62,792½	40,08,38,826½	...	...	...
" 1917-18	8,88,79,539½	1,45,83,380½	3,30,48,819½	8,24,65,478½	2,40,53,265	3,28,41,460	23,18,991	...	27,81,90,934	...	...
" 1916-17	7,83,36,040	1,67,85,175	2,49,17,950	8,64,66,010	2,05,81,505	2,30,29,785	17,40,880	...	...	25,18,57,345	...
" 1915-16	713,68,11[illegible]	1,17,89,860	1,93,10,820	9,04,30,765	1,82,02,400	2,32,87,170	14,38,435	...	...	...	23,58,27,560

STATEMENT XIX.

Statistics of Treasury and other Balances on the 31st December 1918.

	Denominations of Notes.											Total.			Total.	Percentage of Notes in total balance.		Percentage excluding Reserve Treasury balances.	
	R1.	R2-8.	R5.	R10.	R20.	R50.	R100.	R500.	R1,000.	R10,000.	Foreign Circle Notes.	Notes.	Sovereigns.	Rupees.		December 1918.	December 1917.	December 1918.	December 1917.
Treasuries and Branch Banks.																			
Calcutta Circle	25,99,674	4,20,551	12,64,480	49,85,690	20,680	6,19,500	33,30,800	5,90,000	12,19,000	17,00,000	[illegible],12,500	1,68,62,875	2,09,572	1,13,29,995	2,84,02,442	59	63	53	38
Cawnpore "	15,98,672	8,19,870	8,47,145	22,90,710	700	3,92,650	31,37,500	3,43,000	4,43,000	22,40,000	...	1,21,13,247	95,302	48,03,084	1,70,11,633	71	52	...	...
Lahore "	6,71,289	5,25,182	5,70,075	16,00,010	1,100	2,95,200	11,66,600	2,54,000	4,02,000	25,20,000	62,000	80,67,456	2,23,455	21,73,434	1,04,64,345	77	64	...	...
Bombay "	12,75,711	10,31,296	15,09,025	36,33,240	480	7,16,650	33,92,900	16,37,000	25,73,000	6,50,000	8,200	1,64,27,502	7,695	29,49,137	1,93,84,334	85	58	82	29
Karachi "	1,52,550	59,302	82,465	4,73,800	260	1,52,550	7,20,700	26,000	7,67,000	28,40,000	1,01,500	53,76,127	11,648	4,43,536	58,31,311	92	90	...	...
Madras "	13,73,361	7,08,397	7,97,250	11,70,020	460	4,36,550	29,36,500	3,64,000	2,10,000	13,80,000	...	93,76,538	25,658	26,98,998	1,21,01,194	77	56	66	49
Rangoon "	6,99,055	2,44,589	1,55,380	17,71,190	260	44,000	16,44,900	10,500	3,09,000	81,20,000	2,000	1,30,00,865	11,392	17,27,002	1,47,39,259	88	78	...	...
TOTAL	83,70,312	38,09,178	52,25,820	1,59,24,660	23,940	26,57,100	1,63,29,900	32,24,500	59,23,000	1,94,50,000	2,86,200	8,12,24,610	5,84,722	2,61,25,186	10,79,34,518	75	63	...	...
Head Offices of Presidency Banks.																			
Bank of Bengal	3,03,601	21,690	1,24,550	26,98,380	...	1,48,200	18,10,500	6,61,500	52,72,000	1,35,90,000	33,47,500	2,79,77,921	3,77,205	9,53,030	2,93,08,156	95	92	...	...
" Bombay	82,749	70,010	1,72,195	6,63,870	500	1,16,150	10,92,100	5,33,000	19,94,000	3,36,40,000	22,000	3,83,86,574	2,18,805	73,865	3,86,79,244	99	98	...	...
" Madras	1,73,930	13,677	19,235	1,04,350	...	40,000	6,11,700	94,500	2,94,000	94,00,000	...	1,07,51,392	94,678	3,55,100	1,12,01,165	96	99	...	...
TOTAL	5,60,280	1,05,377	3,15,980	24,66,600	500	3,04,350	35,14,300	12,89,000	75,60,000	5,66,30,000	33,69,500	7,71,15,887	6,90,683	13,81,995	7,91,88,565	97	96	...	...

STATEMENT XX.

Absorption of Small Coins.

[In thousands of rupees

	India.	Madras.	Bombay.	Bengal.	U. P. of Agra and Oudh.	Punjab and N.-W. Frontier.	Burma.	Bihar and Orissa.	Central Provinces and Berar.	Assam.	TOTAL.
¼ RUPEES—											
Opening Balance	3,38	2,50	3,60	1,75	3,25	2,46	1,02	1,11	1,03	2,58	22,68
Receipts from + or Issues to — Mint or other Provinces.	48,39	10,07	17,36	8,95	8,03	11,05	7,76	27	2,58	6,17	1,20,63
Closing Balance	2,01	2,21	4,14	1,95	4,87	3,92	1,37	2,11	1,70	2,01	26,29
Net Local Absorption in 1918-19	49,76	10,36	16,82	8,75	6,41	9,59	7,41	—75	1,91	6,74	1,17,02
Ditto ditto in 1917-18	8,71	1,98	14,84	4,31	—60	4,38	4,55	—2,40	46	1,88	38,11
Ditto ditto in 1916-17	5,16	4,40	10,81	4,17	23	3,04	3,99	—1,71	89	2,01	32,99
½ RUPEES—											
Opening Balance	3,80	2,95	2,77	87	3,63	2,53	90	66	1,35	1,39	20,85
Receipts from + or Issues to — Mint or other Provinces.	25,67	10,35	18,37	9,15	3,36	10,66	8,09	2,52	9,56	4,75	1,02,48
Closing Balance	2,43	3,43	6,33	1,42	3,50	4,22	98	2,10	3,97	1,74	30,12
Net Local Absorption in 1918-19	27,04	9,87	14,81	8,60	3,49	8,97	8,01	1,08	6,94	4,40	93,21
Ditto ditto in 1917-18	4,94	3,09	13,97	55	—2,12	4,11	4,94	—1,36	—14	55	28,53
Ditto ditto in 1916-17	4,40	4,72	7,87	66	—1,43	2,96	4,29	—91	—6	67	23,17
NICKEL ANNA PIECES—											
Opening Balance	2,31	1,25	2,16	61	3,81	2,57	63	83	3,36	1,04	18,57
Receipts from + or Issues to — Mint or other Provinces.	6,18	6,75	13,59	3,75	5,10	8,82	52	2,36	7,73	4,30	59,10
Closing Balance	2,60	1,93	3,68	62	4,29	2,45	11	1,02	3,74	1,77	22,21
Net Local Absorption in 1918-19	5,89	6,07	12,07	3,74	4,62	8,94	1,04	2,17	7,35	3,57	55,46
Ditto ditto in 1917-18	2,04	2,10	3,71	2,23	3,26	3,39	23	97	6,31	1,62	25,86
Ditto ditto in 1916-17	—15	2,60	5,98	3,63	5,58	3,02	25	1,92	8,16	1,51	32,50
DOUBLE PICE—											
Opening Balance	5	12	3	...	2	...	...	1	3	...	26
Receipts from + or Issues to — Mint or other Provinces.	—13	—16	—13	...	—3	—1	...	...	—5	...	—51
Closing Balance	1	9	2	...	2	6	...	2	2	...	24
Net Local Absorption in 1918-19	—9	—13	—12	...	—3	—7	...	—1	—4	...	—49
Ditto ditto in 1917-18	—15	—24	—19	...	—12	—1	—5	—2	—10	...	—88
Ditto ditto in 1916-17	—33	—40	—20	...	—9	—1	...	—2	—7	...	—1,12
SINGLE PICE—											
Opening Balance	1,42	1,28	1,01	86	5,73	1,10	1,24	1,06	4,45	84	18,99
Receipts from + or Issues to — Mint or other Provinces	1,51	4,57	1,25	3,12	—1,25	2,65	2,17	1,76	2,54	1,72	20,04
Closing Balance	76	1,87	1,12	65	4,20	1,02	50	94	3,20	85	15,11
Net Local Absorption in 1918-19	2,17	3,98	1,14	3,33	28	2,73	2,91	1,88	3,79	1,71	23,92
Ditto ditto in 1917-18	16	59	—1,48	1,38	42	1,31	1,66	96	49	66	6,15
Ditto ditto in 1916-17	—4,66	75	—21	2,16	1,84	1,00	1,52	1,98	3,50	71	8,59
HALF PICE—											
Opening Balance	6	...	13	4	18	15	...	4	2	3	65
Receipts from + or Issues to — Mint or other Provinces.	47	11	7	11	—5	12	...	2	2	...	87
Closing Balance	2	9	13	4	14	11	...	4	2	1	60
Net Local Absorption in 1918-19	51	2	7	11	—1	16	...	2	2	2	92
Ditto ditto in 1917-18	28	...	22	8	1	14	...	—1	2	1	75
Ditto ditto in 1916-17	40	...	8	6	...	14	...	—1	3	...	70
PIE PIECES—											
Opening Balance	5	16	17	...	14	6	1	1	1	4	65
Receipts from + or Issues to — Mint or other Provinces.	32	92	34	1	...	2	...	3	2	...	1,66
Closing Balance	3	35	21	1	8	4	1	3	2	3	81
Net Local Absorption in 1918-19	34	73	30	...	6	4	...	1	1	1	1,50
Ditto ditto in 1917-18	27	58	43	1	7	5	...	3	1	...	1,45
Ditto ditto in 1916-17	23	49	27	...	7	3	1	4	...	...	1,14

STATEMENT XXI.

Receipts and Expenditure of the Currency Department for the year 1918-19.

	Calcutta.	Cawnpore.	Lahore.	Bombay.	Karachi.	Madras.	Rangoon.	TOTAL.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
RECEIPTS.								
Interest realised on Government Securities	88,32,979	8,22,461	24,69,603	1,06,20,595	9,83,984	36,16,962	17,86,588	2,91,33,172
SUNDRY CASH RECEIPTS.								
Miscellaneous	21,864	414	2,019	5,695	277	9,633	...	39,902
Value of unclaimed Currency Notes	17,298	2,200	2,798	—218	630	5,320	966	28,994
Value of old Currency Notes no longer in circulation	42,390	3,325	3,070	19,395	2,210	11,365	...	81,755
TOTAL RECEIPTS DURING 1918-19	89,14,531	8,28,400	24,77,490	1,06,45,467	9,87,101	36,43,280	17,87,554	2,92,83,823
TOTAL RECEIPTS DURING 1917-18	69,51,661	1,47,155	13,54,857	56,73,590	6,63,160	22,16,741	12,64,944	1,82,72,108
DISBURSEMENTS.								
Salaries (including Exchange Compensation, House rent and Local allowance)	88,598	9,340	7,964	21,640	7,200	8,900	8,524	1,52,186
Establishment (including Local allowances)	3,07,560	38,297	51,177	1,69,369	22,123	68,451	1,25,694	7,82,671
Compensation for dearness of provision and other special allowances	1,118	1,336	...	215	11	3,156	...	5,836
Temporary establishment	17,206	5,292	...	15,798	922	4,503	1,705	45,426
Charges for remittance	...	...	...	46,096	330	271	...	46,697
Stationery	10,667	38	3,059	428	46	2,014	...	16,252
Printing charges	21,710	...	920	2,127	430	1,173	...	26,360
Service postage and telegram charges	28,734	4,779	3,809	5,956	2,167	4,004	1,123	50,572
House, lighting, police, water rates, etc.	13,556	490	83	5,128	6,757	666	135	26,815
Cost of Note forms, including freight	6,27,811	1,93,473	3,11,854	11,90,099	68,381	3,67,932	3,59,767	31,19,317
Pensions and gratuities	17,950	353	1,462	11,405	143	8,142	...	39,455
Cost of repairs, etc., to Currency buildings	18,590	...	4,290	1,299	...	1,216	...	25,395
Cost of chests, bags and locks	10,647	80	209	2,141	...	...	18	13,095
Contingencies	80,290	9,722	3,024	14,951	2,340	3,026	5,446	1,18,799
Travelling allowances	59,177	3,560	...	18,621	1,390	7,907	1,722	92,377
Deadstock, Cost of office furniture	1,772	246	...	4,401	516	682	607	8,224
Cost of coining gold bullion into sovereigns	6,76,662	...	...	...	...	...	...	6,76,662
Refund of value of old Currency Notes	1,305	35	60	115	...	210	...	1,725
TOTAL DISBURSEMENTS DURING 1918-19	19,83,353	2,67,041	3,87,931	15,09,789	1,12,756	4,82,253	5,04,741	52,47,864
TOTAL DISBURSEMENTS DURING 1917-18	16,05,227	71,134	1,33,100	8,97,328	43,096	—97,582	3,35,667	29,87,970
PROFIT DURING 1918-19	69,31,178	5,61,359	20,89,559	91,35,678	8,74,345	31,61,027	12,82,813	2,40,35,959

STATEMENT XXII.

Details of the balance of the Gold Standard Reserve on the 31st March 1919.

	£
In England—	
Estimated value on the 31st March 1919 of the Sterling Securities of the nominal value of £30,156,924 (as per details below)	29,729,505
Cash placed by the Secretary of State in Council at short notice	6,015,672
TOTAL	35,745,177

Details of investments :—

	Face value. £
British Treasury Bills	2,938,000
Canada 3½ per cent. Bonds	161,000
Local Loans 3 per cent. Stock	200,000
Guaranteed 2¾ per cent. Stock	438,720
Transvaal Government 3 per cent. Guaranteed Stock (1923—53)	1,092,023
Exchequer 5 per cent. Bonds, 1922	5,977,700
Ditto 1921	999,800
Ditto 1919	40,000
Exchequer 6 per cent. Bonds	5,545,500
Exchequer 3 per cent. Bonds	2,998,000
5 per cent. War Loan 1929-47	3,762,181
National 5 per cent. War Bonds	6,004,000
TOTAL	30,156,924

STATEMENT XXIII.

Statistics of Work in Currency Offices.

	Calcutta.	Cawnpore.	Lahore.	Bombay.	Karachi.	Madras.	Rangoon.	Total, 1918-19.	Total, 1917-18.	Total, 1916-17.
Receipts of home notes over the counter (value in lakhs of rupees)	1,13,90	8,37	20,26	1,33,82	7,90	38,28	38,68	3,61,21	2,58,99	2,74,64
Issues do.	1,06,59	6,32	16,22	1,28,93	9,45	41,14	36,33	3,44,98	2,59,35	2,80,04
Receipts of coin over the counter (value in lakhs of rupees)—										
Gold	...	1	3	1	...	...	...	5	38	3,84
Silver	6,41	54	40	4,26	17	68	52	12,98	17,98	23,61
Issues of coin over the counter (value in lakhs of rupees)—										
Gold	...	...	...	...	...	...	...	...	2,58	6,18
Silver	14,79	5,07	9,60	18,82	78	2,71	3,10	54,87	33,74	41,04
Encashment of home notes over the counter (average number for each working day)	221,853	77,338	144,461	203,712	6,848	131,816	62,231	848,259	229,431	191,673
Issues do. do.	256,014	126,144	192,589	193,670	9,485	208,131	135,178	1,121,211	277,788	221,647
Cancellations do. do.	141,872	14,744	49,692	107,546	7,715	54,662	28,376	404,607	177,055	169,648
Issues of home notes (in thousands of pieces)	106,855	36,077	50,651	97,838	11,134	59,317	36,363	398,235	86,027	65,877
Cancellations do. do.	40,717	4,217	13,069	27,854	2,183	15,579	7,633	111,252	48,135	46,949
Consumption of note forms do.	91,149	28,371	33,788	87,825	10,865	48,763	26,658	327,419	64,952	56,031

THOMASON CIVIL ENGINEERING COLLEGE, ROORKEE.

NOTIFICATION.

Roorkee, the 21st March 1917.

A Registry Office for men of the undermentioned grades is kept up by the Principal, Thomason College, Roorkee. Officers and employers of labour requiring men are requested to apply to the Principal:—

1. Engineers.
2. Overseers.
3. Sub-Overseers.
4. Draftsmen and Sub-Surveyors.
5. Tracers.
6. Men trained in—
   (a) Photo-Mechanical and Lithographic Work.
   (b) Workshops (both Electrical and Mechanical sides).

W. G. WOOD,
Principal, Thomason College, Roorkee.

DEPARTMENT OF MINES IN INDIA, DHANBAD P. O., MANBHUM.

Indian Mines Act, 1901.

NOTICE.

An examination for First Class Coal Mine Managers' Certificates of Competency under the rules applicable to coal mines will be held on the 16th, 17th and 18th February 1920. An examination for Second Class Coal Mine Managers' Certificates of Competency will be held on the 23rd, 24th and 25th February 1920. Both examinations will be held at the Railway Institute, Dhanbad.

Rules 32 and 33 of the Indian Mines Act, 1901, require that a candidate for a first class certificate must be at least 23 years of age and have had at least five years' practical experience in a coal mine, and for a second class certificate be at least 21 years of age and have had at least three years' practical experience in a coal mine. The periods of practical experience may be reduced to three years and one year respectively, in the case of a candidate who has received a diploma in scientific and mining subjects after a course of study of at least two years at an educational institution approved in this behalf by the Governor-General in Council, or who has taken a degree in scientific and mining subjects at a University approved in this behalf by the Governor-General in Council.

The fees are Rs. 15 in the case of first class certificates and Rs. 8 in the case of second class certificates. By rule 34 of Government of India, Department of Commerce and Industry, Notification No. 2968—82, dated the 21st April 1906, "these fees shall be paid, not less than one month prior to the date of the examination, to the Chief Inspector of Mines at his office." The fees may be remitted by money order or paid in any other manner.

Applications and fees should be addressed to the Chief Inspector of Mines in India, Dhanbad P.O., E. I. Railway, and not to any Officer by name. No candidate will be permitted to sit at the examination unless his application, supported by original certificates as to experience and character, and fee, is received, in the case of a candidate for the first class certificate examination on or before the 15th January 1920, and, in the case of a candidate for the second class certificate examination on or before the 22nd January 1920. Candidates are advised to send all papers under registered cover.

G. F. ADAMS,
Chief Inspector of Mines in India,
and *ex-officio* President of the Board of Examiners.

DHANBAD,
The 13th October 1919.

GOVERNMENT OF BOMBAY.

Revenue Department.

NOTIFICATION.

Bombay Castle, 20th December 1919.

No. 14857-A.—The following agreement, executed on behalf of the Andhra Valley Power Supply Company, Limited, of the one part, and the Secretary of State for India in Council of the other part, under Section 41 of the Land Acquisition Act, No. I of 1894, is hereby published for general information under Section 42 of that Act:—

Dated _____ 1919.

THE ANDHRA VALLEY POWER SUPPLY COMPANY, LIMITED AND THE SECRETARY OF STATE FOR INDIA IN COUNCIL.

AGREEMENT UNDER SECTION 41 OF THE LAND ACQUISITION ACT.

AN AGREEMENT made this twenty-fifth day of November One thousand nine hundred and nineteen BETWEEN THE ANDHRA VALLEY POWER SUPPLY COMPANY, LIMITED hereinafter called "the Company" (which expression shall unless excluded by or repugnant to the context be deemed to extend to and include The Andhra Valley Power Supply Company, Limited and their successors and assigns) of the one part and THE SECRETARY OF STATE FOR INDIA IN COUNCIL hereinafter called "the Secretary of State" (which expression shall unless excluded by or repugnant to the context be deemed to extend to and include the Secretary of State for India in Council and his successors and assigns) of the other part WHEREAS the objects for which the Company are established are (*inter alia*) To acquire take over and work a certain concession for the development of the Andhra Valley in the Maval Taluka of the Poona District of the Presidency of Bombay with a view to the establishment of an undertaking for the generation of Electrical Energy by the storage of water power in a lake to be formed in that valley and the supply of such energy to the public And to apply to the proper authority for and to obtain a License under the Indian Electricity Act 1910 to work the said concession and to work the undertaking of such License And to generate and develop electrical power at the place or places contemplated by the said License and to transmit distribute and supply such power throughout the area of supply named therein And to carry on the business of an Electric Power, Light and Supply Company in all its branches and to construct lay down and carry out all necessary power stations cables wires lines and works And to acquire construct maintain carry out work control and manage any tramways railways and other works and conveniences which the Company may think conducive to any of its objects And generally to acquire in India by purchase lease or otherwise for the purposes of the Company any real or personal immoveable or moveable property rights or privileges And in particular and without in any way derogating from the general powers vested in the Company by reason of the objects contained in its Memorandum of Association to exercise all or any of such powers towards or in connection or conjunction with The Tata Hydro-Electric Power Supply Company, Limited in such manner and to such extent as the Company may think proper AND WHEREAS the Company are the holders of a License granted by the Government of Bombay under the Indian Electricity Act 1910 for the supply of electrical energy which License is known as "The Andhra Valley (Hydro-Electric) License 1919" AND WHEREAS in connection with the undertaking and business of the Company, for the purpose of the construction of a reservoir and dam at Thakarwadi in the said Andhra Valley for collecting and storing a supply of water and of aqueducts conduits canals and tunnels and headraces for water carriage therefrom and engine houses power houses and buildings pipe lines and other works connected therewith the Company are desirous of acquiring certain land situated within the villages in the said Maval Taluka of the Poona District and the Karjat Taluka of the Kolaba District which are mentioned in Part I of the Schedule hereunder written AND WHEREAS the Company have decided to construct and erect a Power House in connection with their undertaking and business within the limits of the village of Bhivpuri in the said Karjat Taluka of the Kolaba District and to construct lay down and carry out an aerial main, cable wire or line for the transmission of electrical energy from such Power House to the Receiving Station of the Company within the City and Island of Bombay and to other places within the area of supply within which the Company are authorised by the License granted by the Government of Bombay to supply such energy to the public and for such purposes are desirous of acquiring certain land forming a strip of sixty feet in width situated within the villages in the Salsette and Kalyan Talukas of the Thana District and the said Karjat Taluka of the Kolaba District which are mentioned in Part II of the Schedule hereunder written and also within the limits of the City and Island of Bombay AND WHEREAS in order to secure the better supply of such electrical energy to the public the Company have decided to construct lay down and carry out an inter-communication cable wire or line for the transmission of such energy between the said Power House of the Company at Bhivpuri and the Power House of the Tata Hydro-Electric Power Supply Company, Limited which has already been constructed within the village of Khopoli in the said Karjat Taluka of the Kolaba District and for such purposes are desirous of acquiring certain land situated within the villages in the said Karjat Taluka of the Kolaba District which

are mentioned in Part III of the Schedule hereunder written AND WHEREAS in order to transmit convey and carry safely efficiently and conveniently to the said Power House of the Company at Bhivpuri the very heavy machinery required for the generation and development at and the supply to the public from the said Power House of the Company at Bhivpuri of electric energy the Company have decided to construct maintain and carry out a private branch railway line with other works and conveniences appurtenant thereto from the Chinchavli Railway Station on the Great Indian Peninsula Railway to the said Power House of the Company at Bhivpuri aforesaid and for such purposes are desirous of acquiring certain land situated within the villages in the said Karjat Taluka of the Kolaba District which are mentioned in Part IV of the Schedule hereunder written AND WHEREAS for brevity sake and convenience all the said purposes and works of the Company are hereinafter in these presents collectively referred to as "the said works" AND WHEREAS the Company have applied to the Government of Bombay to put in force the provisions of the Land Acquisition Act 1894 (hereinafter referred to as "the said Act") in order to acquire for the Company such land situated within the said villages and in the City and Island of Bombay as is needed for the construction of the said works of the Company AND WHEREAS the Government of Bombay having caused an enquiry to be held in conformity with the provisions of Section 40 of the said Act and being satisfied on the report of the result of such enquiry that the acquisition of land within the said villages and in the City and Island of Bombay is needed for the construction of the said works of the Company and that the said works are and the electrical energy to be supplied by means of the said works is likely to prove useful to the public has consented to the provisions of the said Act being put in force in order to acquire land for the purposes of the Company and has pursuant to Section 41 of the said Act required the Company to enter into such agreement with the Secretary of State as is herein contained NOW THESE PRESENTS WITNESS and it is hereby agreed between and by the Company on the one hand and the Secretary of State on the other hand as follows:—

1. From time to time whenever the Company shall apply in writing to the Government of Bombay (hereinafter referred to as "the said Government") to put in force the provisions of the said Act for the purpose of acquiring for the Company any land situated within any of the said villages or in the City and Island of Bombay of which sufficient plans and full and correct particulars shall be given by the Company and which the Company allege is needed for the construction of some of the said works the said Government on being satisfied that the acquisition under the said Act of the land so applied for is necessary and is *bona fide* needed for the construction of some of the said works shall put in force the provisions of the said Act in order to acquire the same for the Company. The particulars to be given by the Company of the land shall include the Survey Number, Plot Number and area of each separate plot of land desired to be acquired together with the name of the village within which any such plot is situated if such plot is situated outside the City and Island of Bombay and together also with the description of the boundaries of any such plot which is situated within the limits of the City and Island of Bombay and also in every case the particular nature of the said works for which the plot is to be acquired.

2. The Company shall and will provide for and reimburse or pay to the said Government the entire cost as determined by the said Government of the acquisition under the provisions of the said Act of all land which has been applied for by the Company and acquired for the Company by the said Government under the terms of this Agreement (hereinafter referred to as "the said acquired land") including all compensation damages interest costs charges and expenses whatsoever which have been or may be paid or incurred in respect of or on account of such acquisition and all law costs and other expenses which have been or may be incurred by the said Government upon or in respect of or incidental to such acquisition or any litigation arising thereout and either in the Original or Appellate Courts and including the cost of any establishment and salary of any Officer or Officers of Government whom the said Government may think it necessary to employ or assign on special duty for the purpose of such acquisition and of the providing of other land for expropriated rayats whenever with the sanction of the said Government that course is adopted. The Company shall also pay to the Secretary of State in respect of every portion of the said acquired land from which in consequence of the acquisition proceedings any rayat has been expropriated except such of the said acquired land as forms the strip of land sixty feet in width situate within the limits of the City and Island of Bombay or within the villages mentioned in Parts II, III and IV of the Schedule hereunder written, an additional sum of money (the amount of which shall be fixed by the Collector and shall not be disputed by the Company) equivalent to the amount of compensation (including the percentage awarded under Section 23 (2) of the said Act for compulsory acquisition) which would be or is payable under the said Act in respect of such land as agricultural land excluding all claims in respect of any buildings thereon or in respect of the several matters mentioned as thirdly, fourthly, fifthly, and sixthly in Section 23 (1) of the said Act. The monies which shall be payable by the Company under this Clause shall be paid by the Company by the initial deposit with the Collector of the sum of Rupees Twenty-five thousand within three days after the publication in the Bombay Government Gazette of the notice under Section 9 of the said Act with reference to the land to be acquired in pursuance of these presents and by payment to the Collector within seven days after demand by the Collector in writing of such amount or amounts as the Collector shall from time to time estimate to be required or provided by the Company for the purpose of meeting or disbursing any of the monies compensation damages interest costs charges or expenses hereinbefore referred to. In these presents the expression "Collector" shall extend

to mean and include (as the case may be) the Collector of Bombay or the Collector for the time being of the particular District in which any land the subject of applications by the Company under these presents is situated and also the persons meant and included in such expression by the said Act.

3. On payment of the entire monies compensation damages interest costs charges and expenses referred to in Clause 2 of these presents incidental to the acquisition of any portion of the said acquired land such portion shall as soon as conveniently may be after the award of the Collector is made in respect thereof and possession has been taken thereof by the Collector under the said Act be transferred at the cost in every respect of the Company by the Secretary of State so as to vest legally in the Company subject however to the provisions of Clauses 4 to 14 (inclusive) of these presents in any deed of transfer executed by the Secretary of State for the purpose of effectuating this clause the Secretary of State shall not be required to enter into any covenant save only a trustee's usual limited covenant against incumbrances.

4. The said acquired land when so transferred to and vested in the Company shall be held by the Company as their property to be used for the purpose of their undertaking and business subject nevertheless as to such portions of the said acquired land as shall be situate within any of the villages mentioned in the Schedule hereunder written to the payment of the rents assessments and outgoings and to the conditions hereinafter set out.

The Company shall and will pay without any deduction to the said Government :—

(*a*) In respect of such of the said acquired land as at the date of acquisition thereof was subject to Land Revenue assessment—an annual rent equivalent to the amount of the Land Revenue assessment thereon at the date of the said acquisition ;

(*b*) In respect of such of the said acquired land (excepting Inam land) as was not at the date of the acquisition thereof subject to Land Revenue assessment—an annual rent calculated as if such acquired land was fully assessed as agricultural land under the Land Revenue assessment prevailing in the particular Taluka in which such acquired land was situated at the time of the acquisition ;

(*c*) In respect of such of the said acquired land as at the date of acquisition thereof was Inam land—an annual rent equivalent to the amount of jadi paid in respect thereof at the date of the said acquisition.

The Company shall and will also pay Local Fund Cess in respect of every portion of the said acquired land for the time being held used or required for the purposes of the Company calculated as if such portion of the said acquired land were fully assessed land under the Land Revenue assessment for the time being prevailing in the particular Taluka in which as the case may be the said acquired land is situated.

During the period that the said acquired land shall be held used or required by the Company for the purposes of their undertaking and business the said annual rents shall be subject to revision by the said Government from time to time and at all times in respect of any portion of the said acquired land which may for the time being be utilized or occupied as a site for a bungalow not immediately tenanted by an employe or person on the staff of the Company and such revised annual rents together with any fine which the Company may be required to pay in addition thereto in respect of such portion shall be calculated from time to time according to the Bombay Land Revenue Code and the rules for the time being in force thereunder relating to land appropriated for building sites and shall also be subject to revision by the said Government from time to time and at all times in respect of any portion of the said acquired land (except land which at the date of the acquisition was Inam land) whenever the Land Revenue assessment of the particular Taluka in which such portion of the said acquired land is situated shall be revised and on such revision the said annual rents may be increased rateably in the same proportion as the Land Revenue assessment fixed for wet and dry crop lands in the particular group of villages containing the village in which such land is situated shall then be increased or in the case of any of the said acquired land which is or was situate within a village which owing to any of the said works has been totally submerged in water then ordinarily according as the said assessment fixed for the group of villages to which such submerged village originally belonged shall be increased but if that group has been split up into new groups then according as the said assessment fixed for the then group of villages containing the nearest village thereto shall be increased And after receipt of notice in writing signed by the Collector stating the amount of any such revised rents payable in respect of the said acquired land or any part thereof the Company shall and will pay thenceforth without any objection to the said Government until further and subsequent revision the full amount of such revised rents without any deduction therefrom.

No charge shall be made by the said Government in respect of the storage of water or for any water so stored in the said reservoirs constructed by the Company but the tail water outflowing from the said reservoirs after the same has been untilized by the Company's undertaking at the said Power House to be constructed by the Company at the foot of the Ghat at Bhivpuri in the Karjat Taluka of the Kolaba District shall be the exclusive property of and under the absolute control of and in the sole use and management of the said Government subject nevertheless to the terms of any separate Agreement which may hereafter be entered into between the said Government in their absolute discretion and the Company whereby the Company may be permittted the use or management of such tail water or any specified portion thereof and defining the shares of the said Government and the Company respectively in any pecuniary benefit derived from such use or management by the Company.

5. If at any time or times any part or parts of the said acquired land not actually utilized or intended to be utilized as a site for any of the said works (meaning in the case of any aerial transmission line of the Company the site for any tower pillar post or pole supporting such aerial transmission line) shall in the opinion of the said Government be necessary to be possessed by the said Government for purposes of revenue administration or either by the said Government or by a local authority for the purpose of making any new public road for any purpose connected with public health safety or necessity (as to which matters the Company shall accept the decision of the said Government who shall be the sole judge) the Company on being thereunto required by the said Government in writing (which shall be sufficient if signed by the Collector) shall transfer to the Secretary of State such part or parts of the said acquired land as the said Government shall specify to be necessary for any of the purposes aforesaid and in consideration of such transfer the Secretary of State shall pay to the Company a sum equal to the amount of the compensation awarded under the said Act and paid by the Company in respect of the land the subject of the transfer upon the acquisition thereof for the Company including the percentage awarded under Section 23 (2) of the said Act.

6. Subject to Clause 5 hereof any part or parts of the said acquired land or any part thereof which shall no longer be used or required for the purposes of the undertaking and business of the Company or which shall not be used for the purposes of the undertaking and business of the Company within the period prescribed by Clause 7 hereof for the construction of the said works shall subject to the rents payable for the time being in respect thereof to the said Government by the terms of these presents and to the Local Fund Cess payable in respect thereof for the time being and to any special conditions applicable thereto arising out of these presents be offered through the said Government for sale to the respective persons or to the heirs or the legal representatives of the respective persons from whom the same had been actually acquired or to the occupants of adjoining lands at a price not exceeding the price which the Company shall fix as their minimum limit for such sale and in the event of such sales being declined may be sold subject to said rents and the said Local Fund Cess and to any special conditions applicable thereto arising out of these presents by the Company at their discretion.

7. The construction of the said works on the said acquired land shall be completed by the Company within five years from the date of these presents or within such further time as the said Government shall allow and shall be carried out in every respect in accordance with plans designs and specifications which previously shall have been submitted to and approved of in writing by the said Government in the Public Works Department and the Company shall expend in the construction of the said works wheresoever situate not less than the sum of Rupees Twenty lacs. The said works so far as they relate to the generation and development transmission distribution supply and use of electric energy shall be executed and maintained by the Company in accordance with the provisions of the Indian Electricity Act 1910 and the Rules thereunder or any amended or modified law or Rules for the time being in force in British India relating to the supply and use of Electricity and in all respects in conformity with the conditions and provisions of the License hereinbefore referred to or any other License granted by the said Government to the said Company under Section 3 of the said Indian Electricity Act 1910 and for the time being in force.

8. The Company shall carry out all such works and make all such arrangements as they may be called upon by the said Government to execute and do for the purpose of effectually removing abating minimising or preventing any insanitary or unhealthy conditions which in the opinion of the said Government are due to or arise from or which are considered as likely at any future time to arise or result in consequence of any of the said works on the said acquired land or the operations carried on by the Company in or at the said works.

9. The Company shall from time to time and at all times permit the said Government or any Officer or Officers deputed by the said Government in that behalf to inspect the said acquired land and all parts of the said works of the Company upon the said acquired land whether in course of construction or otherwise and shall furnish to the said Government from time to time on demand correct statements of the monies expended by the Company in the construction of the said works of the Company upon the said acquired land. The Company shall at all times keep and maintain the said acquired land in good order to the satisfaction of the Collector.

10. In the event of any of the said works of the Company interfering with obstructing or stopping any public road track path or right of way or passage which the said Government shall consider should be protected kept open or maintained or in the event of it appearing to the Collector that the transfer to the Company after acquisition of any land in pursuance of this Agreement is likely to interfere with obstruct or stop any public or private road track path or right of way or passage which the Collector shall consider should be protected kept open or maintained or to interfere with or obstruct the reasonable access of any person from or to any other land belonging to such person the Company shall at their own expense take such action to the satisfaction of the Collector as the said Government or the Collector shall determine to protect the same and to prevent or abate the interference obstruction or stoppage thereof as the case may be and if so required in writing by the said Government or the Collector shall provide at the expense of the Company for the use of the public or the person or persons concerned and to the satisfaction of the Collector other convenient suitable and sufficient means of inter-communication in lieu thereof and also the Company shall likewise at their expense make alter or improve any road bridge or culvert the making altering or improving of which

is in the opinion of the said Government necessitated in the interests of the public in consequence of the said works and the operations of the Company.

11. If the owner of any piece or parcel of land which has been notified for acquisition in pursuance of this Agreement desires to retain without any claim for severance any portion of such land which is not actually necessary to be utilized for the purposes for which the land is to be acquired under this Agreement (meaning in the case of any aerial transmission line of the Company which is not actually necessary to be utilized as a site for a tower pillar post or pole supporting such aerial transmission line) or if the owner of any land part only of which has been notified for acquisition in pursuance of this Agreement desires without any claim for severance to have a defined right of way or passage from and to his unacquired land over a portion of the said acquired land which is not actually necessary to be utilized for the purposes for which the land is acquired under this Agreement (meaning in the case of any aerial transmission line of the Company which is not actually necessary to be utilized as a site for a tower pillar post or pole supporting such aerial transmission line) the Company shall if so required in writing by the Collector provide for the said owner at the expense of the Company and to the satisfaction of the Collector convenient and reasonable access at all times over the said acquired land (as the case may be) from and to such severed and retained portion of land or from and to such unacquired land.

12. The Company shall not without the pevious permission of the said Government in writing which shall be sufficient if signed by the Collector (which permission it shall be in the absolute discretion of the said Government to give with or without conditions or to refuse) fence in or permit to be fenced in any portion of the said acquired land which is acquired for the purpose of any aerial transmission line of the company (except such portions of the said acquired land as are referred to in Clause 13 hereof) or interfere with or obstruct the free and unrestricted right of way or passage over such portion of the said acquired land by any person from the lands on one side of such portion of the said acquired land to the lands on the other side thereof and shall not do or permit to be done anything which shall prevent or interfere with the flow or passage through or over such portion of the said acquired land of water for purposes of irrigation or of storm water drainage through creeks or to or over fields or lands or with any streams or watercourses or water-ways running over or through such portion of the said acquired land.

13. Whenever any aerial transmission line of the Company passes over a salt work of which the said acquired land shall have formed part the Company may and shall if required so to do by the said Government construct and maintain a suitable hard tract to the satisfaction of the said Government beneath the aerial transmission line on such portion of the said acquired land and in such case may fence in every such track and the Company shall provide and maintain in good order all such culverts and passages for the flow of water through or under such track from one portion of such salt work to another as may be necessary in the opinion of the said Government to prevent the existence of the track being prejudicial to any part of such salt work.

14. The Company shall make and maintain or cause to be made or maintained effectual arrangements to the satisfaction of the said Government or the Collector for preventing any accident or injury directly or indirectly due to or arising from the existence of any aerial transmission line of the Company or from the electrical energy supplied by any such aerial transmission line happening to any person or to the property of any person while making use of any road track or path for the time being constructed or existing under or otherwise lawfully passing under any part of such aerial transmission line.

15. In the event of any person interested in any land whether situated within or outside the said villages complaining to the Collector at any time during the progress of constructing the said works or within the period of five years from the date when the proposed reservoir in the said Andhra Valley is first completely filled with stored water that such land has deteriorated and been rendered less profitable by reason of any part of the said works or the operations of the Company and applying to the Collector that the Company should be required either to apply to the said Government to acquire such land for the Company or to pay compensation on account of the matter complained of and in the event of the Collector being satisfied after enquiry that the facts alleged in such complaint are correct the Company on being required by the Collector in writing so to do shall apply to Government to acquire the said land for the Company under the terms of this Agreement or shall pay such an amount of money by way of compensation to the applicant as the Collector shall fix and the Collector's decision in all matters determined by him under this clause shall be final and binding on the Company.

16. The public without any exception shall subject to such provisions and conditions as are specified in the License hereinbefore referred to or may be specified in any other License granted to the Company by the said Government under section 3 of the Indian Electricity Act 1910 and for the time being in force and to the provisions of such Act and the Rules thereunder or any amended or modified Law or Rules for the time being in force in British India relating to the supply and use of electricity be entitled to purchase from the Company and use the electric energy generated by means of the water supply derived from the water stored and brought into utilization by means of and transmitted and supplied or to be transmitted and supplied by the said works of the Company.

17. All the costs and expenses of and incidental to the preparation and execution of this Agreement (including stamp duty and the costs of registration if required by the said Government) shall be paid by the Company.

IN WITNESS whereof the Common Seal of THE ANDHRA VALLEY POWER SUPPLY COMPANY, LIMITED has been hereunto affixed in the presence of two Directors and the Agents of the Company and by direction of His Excellency the Honourable the Governor of Bombay in Council one of the Secretaries to the said Government has for and on behalf of the Secretary of State for India in Council hereunto set his hand and seal the day and year above written.

THE SCHEDULE ABOVE REFERRED TO.

PART I.

List of Villages at which the Reservoir and Dam at Thakarwadi and other works are to be constructed.

(POONA DISTRICT, MAVAL TALUKA.)

1. Malegaon Budruk.
2. Shil.
3. Kivle.
4. Kusur.
5. Dahuli.
6. Kambre.
7. Inglun.
8. Mankoli.
9. Unsute.
10. Kune Budruk.
11. Kune Khurd.
12. Pimpri.
13. Malegaon.
14. Khurd.
15. Khand.
16. Nilshi.
17. Boravli.
18. Kusavli.
19. Vahangaon.
20. Nagthali.
21. Vadeshwar.
22. Andrao.
23. Savla.

(KOLABA DISTRICT, KARJAT TALUKA.)

24. Bhivpuri.
25. Tapkirvadi.

PART II.

List of Villages through which the Bombay-Bhivpuri Main Transmission Line passes.

(THANA DISTRICT, SALSETTE TALUKA.)

1. Kurla.
2. Chembur.
3. Ghatkopar.
4. Vikhroli.
5. Harialli.
6. Kanjur.
7. Bhandup.
8. Nahur.
9. Mulund.
10. Thana Creek.
11. Irauli.
12. Ilton.
13. Degha.

(THANA DISTRICT, KALYAN TALUKA.)

14. Mubra.
15. Diva.
16. Dativli.
17. Matardi.
18. Bhopar.
19. Ira.
20. Patharli.
21. Chola.
22. Asdegolauli.
23. Netivli.
24. Tisgaon.
25. Katimanevli.
26. Shahad.
27. Varuli.
28. Kansai.
29. Jausai.
30. Kahoj.
31. Morevli.
32. Chickloli.
33. Belivli.
34. Manjarli.
35. Kulgaon.
36. Kharvai.
37. Budlapore.
38. Jambla.
39. Devloli.
40. Savra.
41. Goregaon.
42. Dhaula.
43. Kudsavra.
44. Vagnimujivli.
45. Loni.

(KOLABA DISTRCT, KARJAT TALUKA.)

46. Shelu.
47. Bandevli.
48. Dhamot.
49. Mamdapur.
50. Dhamota.
51. Bopel.
52. Kolhar.
53. Borla.
54. Jita.
55. Mamgaon.
56. Ambivli B.
57. Yeksal.
58. Ukrul.
59. Chandhai.
60. Salvad.
61. Chinchavli.
62. Kadav.
63. Takva.
64. Bhalavli.
65. Hilalpur.
66. Potal.
67. Humgaon.
68. Bhivpuri.

PART III.

List of Villages through which the Khopoli-Bhivpuri Inter-Transmission Line passes.

(KARJAT TALUKA, DISTRICT KOLABA.)

1. Khopoli.
2. Vyhari.
3. Rhatauda.
4. Vasrang.
16. Shirsa.
17. Akurli.
18. Dahivli.
19. Nigda.

5. Lavhej.
6. Chincholi.
7. Shengaon.
8. Mankivali.
9. Dolauli.
10. Kharwai.
11. Kelavli.
12. Vangni.
13. Talavli.
14. Pahasdhari.
15. Aulas.
20. Venagaon.
21. Parada.
22. Varhai.
23. Dahegaon.
24. Gaurkamat.
25. Jambivli.
26. Dona.
27. Salokha.
28. Potal.
29. Humgaon.
30. Bhivpuri.

PART IV.

List of Villages through which the Chinchavli-Bhivpuri Railway Line passes.

(KOLABA DISTRICT, KARJAT TALUKA.)

1. Diksal.
2. Garpoli.
3. Vava.
4. Vadavali.
5. Tambas.
6. Kadav.
7. Takva.
8. Bhalavli.
9. Hilalpur.
10. Humgaon.
11. Chinchavli.
12. Bhivpuri.

THE COMMON SEAL OF THE ANDHRA VALLEY POWER SUPPLY COMPANY, LIMITED, was hereunto affixed pursuant to a Resolution of the Board of Directors of the Company passed at a Meeting of the Board held on the twenty-ninth day of October One thousand nine hundred and nineteen in the presence of—

H. P. GIBBS,
LALUBHAI SAMALDAS, } *Directors.*

TATA SONS, LIMITED, AGENTS.
J. D. GHANDY, *Agents.*

Director.

SIGNED SEALED and DELIVERED by the Honourable Mr. P. J. Mead, C.I.E., I.C.S., one of the Secretaries to the Government of Bombay, in the presence of— } P. J. MEAD.

1. KHARSHEDJEE D. BILLIMORIA,
Assistant Superintendent, Revenue Department.
2. SHIVRAM SAKHARAM SHIRKE,
Assistant Superintendent, Revenue Department.

Seal.

By order of His Excellency the Honourable the Governor in Council,

P. J. MEAD,
Chief Secretary to Government.

GEOLOGICAL SURVEY OF INDIA.

NOTIFICATION.

Calcutta, 6th January 1920.

No. 84.—Notification of this Department, No. 2257, dated the 22nd August 1919, granting privilege leave for six months to Mr. J. Coggin Brown, O.B.E., Assistant Superintendent, Geological Survey of India is cancelled.

H. H. HAYDEN,
Director, Geological Survey of India.

SURVEY OF INDIA—NORTHERN CIRCLE.

NOTIFICATION.

Dated the 2nd January 1920.

No. 1.—Mr. L. Williams, Extra Assistant Superintendent, attached to the North East Persia Survey Department, Survey of India, is granted privilege leave for 3 months with effect from forenoon 2nd January 1920 *vide* articles 246 and 260, of the Civil Service Regulations.

L. G. CROSTHWAIT, Major, I. A.,
Superintendent, Northern Circle.

ROYAL INDIAN MARINE.

NOTIFICATION.

FURLOUGH AND LEAVE.

Bombay, the 29th December 1919.

No. 51.—The undermentioned officer is granted leave out of India, with effect from the date and for the period specified against his name.

Lieutenant-Commander A. G. Maundrell, R.I.M., 13 days special war leave combined with 8 months' leave on private affairs, with effect from 19th December 1919.

B. H. JONES,
for Director, Royal Indian Marine.

CHIEF COMMISSIONER, DELHI.

NOTIFICATIONS.

Delhi, the 18th December 1919.

No. 7611-*C. & I.*—The following amendments, which it is proposed to make in the rules made under section 9 of the Indian Petroleum Act, 1899, and issued in Punjab Government Notification No. 90, dated the 15th February 1909, as applied to the Delhi Province, are published for criticism. The amendments will be taken into consideration on or after the 20th January 1920, together with any remarks or suggestions received on or before that date :—

AMENDMENTS IN THE PETROLEUM RULES.

(1) In rule 2, Chapter V, Part II of the said rules, the words "otherwise than in bulk" shall be omitted.

(2) In rule 6, Chapter V, Part II of the said rules, the words "other than in bulk" shall be omitted.

(3) In Form H—

(*a*) the words "otherwise than in bulk," wherever they occur, shall be omitted ; and

(*b*) in condition 1 of the conditions attached to the Form, after the words "The petroleum" the words "if not in bulk" shall be inserted.

(4) In Form I—

(*a*) for the words "$\frac{\text{otherwise than in bulk}}{\text{in bulk or otherwise than in bulk}}$" the words "in bulk or otherwise than in bulk" shall be substituted ; and

(*b*) in condition 1 of sub-head I of the conditions attached to the Form, after the words "The petroleum" the words "if not in bulk" shall be inserted.

(5) In Form I-A for the words "$\frac{\text{in bulk or otherwise than in bulk}}{\text{otherwise than in bulk}}$," wherever they occur, the words "in bulk or otherwise than in bulk" shall be substituted.

(6) In Form K—

(*a*) the words "cases or packages containing in all" shall be enclosed in brackets and an asterisk placed before the opening bracket; and the following marginal reference shall be inserted, namely :

"To * be omitted when petroleum is transported in bulk," and

(*b*) in condition 1 of the conditions attached to the Form, after the words "The petroleum" the words "if not in bulk" shall be inserted.

Delhi, the 2nd January 1920.

No. 21-*Home*.—The following returns of births and deaths in the Delhi Province for the month of November 1919 are published for information :—

Division.	No.	Name of District or Municipal Towns.	Population according to the census of 1911.			Births registered.		Deaths registered.														Remarks.
								Cholera.	Small-pox.	Plague.	Fever.	Dysentery and Diarrhœa.	Respiratory disease.	Injuries including suicide.	Other causes.	Total all causes. Number.			Total of corresponding month of previous year. Number.			
			Male.	Female.	Total.	No. registered excluding still-births.	Still-born No.	No. Registered.	No. Registered.	No. Registered.	No. Registered.	No. Registered.	No. Registered.	No. Registered.	No. Registered.	Males.	Females.	Total.	Males.	Females.	Total.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Delhi Province.		District excluding Delhi Municipal Town.	102,699	88,486	191,185	893	5	...	1	..	716	6	190	2	10	444	481	925	5,323	6,199	11,522	
		Total of corresponding month of previous year.	102,699	88,486	191,185	906	...	...	5	...	11,220	...	283	9	5	5,323	6,199	11,522	...	...	...	
		Increase or Decrease	...	...	...	...	5	...	...	...	...	6	...	...	5	...	...	...	...	...	...	
			...	...	...	13	...	...	4	...	10,504	...	93	7	...	4,879	5,718	10,597	...	...	...	

Division.	No.	District excluding towns.	Population according to the census of 1911.			Births registered.		Deaths registered.														Remarks
								Cholera.	Small-pox.	Plague.	Fever.	Dysentery and Diarrhœa.	Respiratory disease.	Injuries including suicide.	Other Causes.	Total all causes. Number.			Total of corresponding month of previous year. Number.			
			Male.	Female.	Total.	No. registered excluding still-births.	Still-born No.	No. Registered.	No. Registered.	No. Registered.	No. Registered.	No. Registered.	No. Registered.	No. Registered.	No. Registered.	Males.	Females.	Total.	Males.	Females.	Total.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Delhi Province.		Delhi Municipality	129,521	95,950	225,471	1,170	39	...	1	...	464	36	318	5	124	436	512	948	944	1,203	2,147	
		Total of corresponding month of previous year.	129,521	95,950	225,471	920	17	...	...	...	1,266	18	757	3	103	944	1,203	2,147	...	...	...	
		Increase or Decrease	...	...	...	250	22	...	1	...	...	18	...	2	21	...	...	...	...	...	...	
			...	...	...	...	...	...	...	...	802	...	439	...	...	508	691	1,199	...	...	...	

The 7th January 1920.

No. 152-*C. & I.*—The following returns of wholesale and retail prices current in Delhi Province are published for information :—

Retail prices current of food-grains, etc., at the head-quarters of the Delhi District at the close of the half month ending the 31st December 1919.

(Seers of 80 tolas only.)

Items.	Amount per Rupee. Srs.	Chts.	Items.	Amount per Rupee. Srs.	Chts.
Wheat, white	5	12	Gram (Cicer arietinum) (unhusked)	6	0
Barley "	8	8	Maize	7	12
Rice { Best sort	2	0	Arhar (Cajanus Indicus) (husked) (Dál). { Cawnpuri	3	0
Rice { Common sort	2	8	Arhar (Cajanus Indicus) (husked) (Dál). { Desi	3	8
	3	12	Firewood	40	0
Jowár (Andropogon sorghum)	8	0	Salt (Sambhar) { Wholesale	...	
Bájra (Pennisetum typhoideum)	7	0	Salt (Sambhar) { Retail	13	0
Mandwa (Eleusine Coracana)	...		Gur (Lawar)	3	8
Kangni (Setaria Italica)	...		Cotton (unginned)	...	
			Bejhar	8	8

Statement showing prices current (wholesale) of food-grains, etc., in the mart at the head-quarters of the Delhi District during the fortnight ending the 31st December 1919.

WHOLESALE PRICE PER MAUND OF 82⅔ LBS. OR 40 SEERS OF 80 TOLAS EACH.

Items.	Wholesale price in Rupees. Rs.	A.	P.	Items.	Wholesale price in Rupees. Rs.	A.	P.
Rice { unhusked	...			Cotton seed	4	12	0
Rice { husked, Rangoon	7	8	0	Ghi	104	0	0
Wheat, white	6	12	0	Flour (wheat)	7	8	0
Barley	4	8	0	Tobacco leaf (dry)	8	0	0
Oats	7	8	0	Turmeric (unground)	17	0	0
Jowár	4	12	0	Salt (Sambhar)	2	12	0
Bájra	5	8	0	Raw hides (cow)	75	0	0
Maize	5	0	0	Bran	4	4	0
Gram	6	6	0	Grass (dry)	3	0	0
Arhar Dál { Cawnpuri	12	4	0	Bhusa (white)	1	4	0
Arhar Dál { Desi	10	8	0	Jowár stalks	0	12	0
Linseed	19	0	0	Bengal coal	1	4	0
Rapeseed (Sarshaf)	13	8	0	Kerosine oil (per tin), Elephant mark.	4	6	0
Poppy-seed	...			Plough bullocks, per pair	400	0	0
Til (Jinjili seed) white	16	0	0	Sheep, per score	...		
Sugar (raw), gur (Lawar)	10	8	0				
Cotton (cleaned)	35	0	0				

No. 154-*Home*.—The following return of deaths registered in the Province of Delhi during the half month ending the 15th December 1919 is published for information :—

1	2	3	4	5	6	7	8	9	10	11	12	13	14			15
Rural Circles in the Province.	Deaths registered in previous half months.	Total in present half month.	Deaths registered in the half month.										Infants under one year of age.			Remarks.
			Cholera.	Small-pox.	Plague.	Fevers.	Dysentery and Diarrhœa.	Respiratory.	Snake-bite.	Hydrophobia.	All other causes.	Measles and chicken-pox.	Males.	Females.	Total.	
P. S. Alipur	96	67	...	...	...	54	1	12	...	...	...	...	4	7	11	
Nangloi	111	109	...	...	...	82	...	24	...	...	3	1	14	9	23	
Najafgarh	85	48	...	...	...	43	...	5	...	...	...	...	3	2	5	
Subzimundi	3	4	...	...	...	2	...	2	...	...	...	...	...	2	2	
Paharganj	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Mehrauli	72	80	...	...	...	55	1	19	...	...	5	3	5	6	11	
Raisina	7	46	...	...	...	44	...	1	...	...	1	...	5	8	13	
Shahdara	37	18	...	...	...	17	...	1	...	...	...	...	1	...	1	
New Cantonment	24	26	...	...	...	20	1	4	...	...	1	1	1	5	6	
Total of the District	436	398	...	...	...	317	3	68	...	...	10	5	33	39	72	

No. 156-*Home*.—The following return of births and deaths at the undermentioned Municipal Towns in the Province of Delhi for the week ending 20th December 1919 is published for information :—

1	2	3	4			5			6	7	8	9	10	11	12	13	14	15			16	17
No.	Name of Municipal Towns.	Population of 1911.	Births.			Deaths.			Cause of Death.									Infants under one year of age.			Ratio of births per 1,000 of population per annum.	Ratio of deaths per 1,000 of population per annum.
			Males.	Females.	Total.	Males.	Females.	Total.	Cholera.	Small-pox.	Plague.	Fevers.	Dysentery and Diarrhœa.	Respiratory.	Injuries.	All other causes.	Measles and Chicken-pox.	Males.	Females.	Total.		
	Delhi	225,471	129	132	261	107	115	222	...	...	...	86	11	99	...	26	...	33	30	63	60·19	51·20
	Notified area	3,673	1	2	3	...	1	1	...	...	...	1	...	...	...	...	...	...	...	...	42·47	14·15
	Total	229,144	130	134	264	107	116	223	...	...	...	87	11	99	...	26	...	33	30	63	59·90	50·60

No. 158-R. & A.—The following list of Revenue Agents, who are qualified to appear in the Court of the Chief Commissioner of the Province of Delhi and subordinate Courts and offices is published for general information.

Serial No.	Name.	Father's name.	Grade.	Place of business.	Date of first admission as Revenue Agent.	Date on which the certificate was renewed for the year 1920.
1	Din Dayal	Parmesari Das	2nd	Delhi	13th December 1879	2nd January 1920.
2	Gopal Das	Jagan Nath	"	"	21st February 1881	Ditto.
3	Balkishen Das	Mohan Lal	"	"	8th January 1918	Ditto.

C. A. BARRON,
Chief Commissioner, Delhi.

Catalogue of books published in the Delhi Province during the year ending 30th September 1919.

ART—URDU.

1. **French Cookery No. 1 or Luqmai Laziz barai farhang** by S. Ahmed Ali of Umballa, 22nd September 1919, 208 pages, Royal 8vo., 3rd Edition, price Rs. 1-14, Delhi Printing Works, 1,000.

DRAMA (RELIGIOUS) HINDI.

2. **Arya Sangit Ramayan Part IV,** by S. Jaswant Singh of Tohana, 10th June 1919, 220 pages, Demy 8 pages, 2nd Edition, price 10 annas, Saddharam Pracharak Press, 3,000.

DRAMA—URDU.

3. **Arya, Sangit Ramayan, Part IV,** Poetical Drama of the Holy Ramayana, by S. Jaswant Singh of Tohana, 25th July 1919, 168 pages, 18 x 22/8, 3rd Edition, price 9 annas. Delhi Printing Works, 4,000.

4. **Arya Sangit Ramayan in 4 Parts.**—Poetical Drama of the Holy Ramayana by S. Jaswant Singh of Tohana, 25th July 1919, 528 pages, 18 x 22/8, 5th Edition, price Rs. 1-12, Delhi Printing Works, 5,000.

FICTION—URDU.

5. **Siah Posh Sangit—Poetry tale of the black dressed** by Chiranji Lal Natha Ram of Hathras, published by Gokal Chand, bookseller, Meerut, 31st August 1919, 52 pages, Demy 8vo., 10th Edition, price 4 annas, Delhi Printing Works, 2,000.

6. **Amar Singh ka Sakha,** Poetry drama of the wedding of Amar Singh, Part I or the Battle of Agra by Bhudh Sen of Hathras, published by L. Sham Lal Hira Lal, Muthra, 25th August 1919, 84 pages, Demy 8vo., 1st Edition, price 6 annas, Delhi Printing Works, 2,000.

7. **Arya Sangit Mahabharat,** the events of Mahabharat in poetry, Part I, by S. Jaswant Singh of Tohana, 26th July 1919, 112 pages, 18 x 22 8vo., 1st Edition, price 7 annas, Delhi Printing Works, 3,000.

8. **Sangit Raja Harish Chandra Satbadi,** a poetical drama of Raja Harish Chandra by Lala Durga Pershad of Agra, 9th July 1919, 64 pages, 18 x 22, 8vo., 1st Edition, price 8 annas, Delhi Printing Works, 2,000.

9. **Noha-i-Zindagi,** the miseries of life by Rashid ul Khairi, published by Abbas Hussain Qari, 1st September 1919, 18 x 22 1st Edition, price 12 annas, Mahbub-ul-Mataba Press, 1,000.

10. **Tamacha ba Rukhsar-i-Yazeed,** a slap on the face of Yazeed by Khuaja Hasan Nizami, published by Manager of the Darul Ishaat, Delhi, 30th September 1919, 104 pages, 18 x 22, 8vo., 1st Edition, price Re. 1, Delhi Printing Works, 2,000.

11. **Sangit Sankar Garh or Neoli ka Biah,** Poetical drama of the Marriage of Neola by Natha Mal Chhitar Mal, Jotshi of Hathras, published by Sham Lal Hira Lal, Muthra, 25th August 1919, 110 pages, Demy 8vo., 1st Edition, price 6 annas, Delhi Printing Works, 2,000.

GEOGRAPHY—URDU.

12. **Mukhtasir Jughrafia-i-Hind Jadeed,** a new concised Geography of India, by Master Girdhari Lal of Delhi, 26th August 1919, 24 pages, 22 x 19/16 mo., 3rd Edition, price 4 annas, Delhi Printing Works, 2,000.

HISTORY—URDU.

13. **Tarikh-i-Mewat,** a history of Mewat by M. Abu Mohammad Abdul Shakur, Mewati, Ferozepore Nawah, 10th September 1919, 104 pages, 18 x 22, 1st Edition, price Re. 1, Mahbub-ul-Mataba, 250.

LAW—ENGLISH.

14. The Nabha Motor Vehicles Act I of 1919 passed on 1st, April 1919, be H. H. Maharaja Ripu Daman Singh of Nabha State, 10th July 1919, 8 pages, 18 × 22/8vo., 1st Edition, price not known, Delhi Printing Works, 100.

LITERATURE—HINDI

15. **Balpatra or Letter writer for beginners** by P. Bhagwan Sahai Sharma, Muradnagar, 1st August 1919, 48 pages, 20 × 26/16, 3rd Edition, price 2 annas, Art Printing Works, 4,000.

LITERATURE—ARABIC.

16. **Moallimul Nahav**, Teacher of Arabic Grammar, by M. Hakim Mohammed Abdul Khalik of Shahjahanpur, 29th August 1919, 24 pages, Demy 8vo., 2nd Edition, price 2 annas, Delhi Printing Works, 500.

LITERATURE—URDU.

17. **Sharah (key)** B. A. Course of Arabic, Punjab University, by M. Abdul Aziz of Rajkot, Professor, Edwards College, Peshawar, 28th August 1919, 208 pages, Royal 8vo., 1st edition, price 0-3-0, Delhi Printing Works, 1,000.

18. **Anis-ul-Ghuraba**, a collection of writings to help the poor by Qari Sarfaraz Hussain Azmi of Delhi, 3rd September 1919, 53 pages, 18 × 12, 1st edition, price Re. 1 Mahbub-ul-Mataba Press, 750.

19. **Tashrih-ul-Huruf**, explanation of Urdu Alphabet by P. Debi Pershad, published by Sham Lal Hira Lal at Muttra, 25th August 1919, 16 pages, 20 × 30, 16mo., 1st edition, price 0-1-0, Delhi Printing Works, 2,000.

20. **Moallim-ul-Saraf (Urdu Grammar)**, complete 3 parts, by Mohd. Abdul Khaliq of Shahjahanpur, 29th August 1919, 39 pages, Demy 8vo., 2nd edition, price 0-6-0, Delhi Printing Works, 500.

21. **Talim-ul-Moalmin**, Training of Teachers, Part I, by Nur Mohd. of Ludhiana, 13th August 1919, 32 pages, Demy 8vo. 1st edition, price not known, Delhi Printing Works, 500.

22. **Shab-i-Zindagi.** The night of life (A Social story), by Allama Rashid-ul-Khairi, 25th August 1919, 128 pages, 18 × 22/8., 1st edition, price Re. 1, Dervesh Press, 1,000.

LITERATURE—PERSIAN.

23. **Guldastai Mohsni**, Gulistan of Sheikh Sadi with commentary notes on margin by M. Mohd. Khitab, August 1919, 348 pages, 22 × 29, 8vo., 1st edition, price not known, Delhi Printing Works, 1,500.

MEDICINE—HINDI.

24. **Bhojan ki Gati.** How to take food, by Dr. Guru Datta Kalal, 13th June 1919, 31 pages, Foolscap 8 pages, 1st edition, price *nil*, Saddharam Pracharak Press, 1,000.

25. **Chikitsa Sopan, Part II.** Materia Medica for the use of Compounders, by Dr. B. K. Mitra, L.M.S., 29th August 1919, 116 pages, 18 × 22 = 8 pages, 1st edition, price Re. 1, Saddharam Pracharak Press, 475.

26. **Haizai se bachne ke upai.** Prevention from Cholera and its remedy by Dr. Gurudatta, of Delhi, 4th August 1919, 8 pages, foolscap 8 pages, 1st edition, price *nil*, Saddharam Pracharak Press, 1,000.

MEDICINE—ENGLISH.

27. **Eye Strain No. 1** by Major M. Corry and R. B. Dr. Hari Shankar, Delhi, 15th June 1919, 43 pages, Demy 8 pages, 1st edition, price *nil*, Saddharam Pracharak Press, 200.

MEDICINE—URDU.

28. **Tashrih-i-Kabir Kabir's Anatomy**, by Hakim Mohd. Kabir Uddin, Delhi, 30th July 1919, 380 pages, Demy 8vo., 1st edition, price Rs. 5, Delhi Printing Works, 500.

29. **Tibbi Lugatcha.** A concise Medical Dictionary by H. Mohd. Kabir Uddin, 27th July 1919, 184 pages, Demy 8vo., first edition, price 0-5-0, Delhi Printing Works, 500.

30. **Afadai Kabir.** Urdu translation of Medical book, by Hakim Kabir Uddin, 23rd July 1919, 184 pages, 8 × 22/8, 2nd edition, price 0-5-0, Delhi Printing Works, 1,000.

MISCELLANEOUS—HINDI.

31. **Ratan Amolya.** A valuable book on Commerce by L. Hira Lal of Delhi; 23rd July 1919, 275 pages, 1/8 of 18 × 22, 1st edition, price Rs. 4-1-0, Ratan Press, Delhi, 1,000.

32. **Shri Adi Nath Bivahli.** Marriage of Shri Adinath, by Devi Gulab Kaur of Hathras, published by Seth Jawahar Lal Jain of Secunderabad, 20th August 1919, 50 pages, 20 × 30 = 16 pages, 1st edition, price *nil*, Saddharam Pracharak Press, 250.

33. **Speech by Seth Sohan Lalji,** President, Bharat Varshia Digambar Jain Sabha, Malwa Pranta, Udepur, 16th May 1919, 16 pages, 20 × 30 = 16 pages, 1st edition, price *nil*, Saddharam Pracharak Press, 500.

POETRY—URDU.

34. **Jangi Farang.** European War by S. Bashir Husain of Bijnaur District, 1st July 1919, 24 pages 18 × 22, 8vo., 1st edition, price 0-2-0, Delhi Printing Works, 2,000.

35. **Hasinon ki Mahfil.** The meeting of the beautiful by Asim book agency, 30th June 1919, 16 pages, 18 × 22 = 8, 1st edition, price 0-1-0, Indian Press, Delhi, 2,000.

36. **Qasida or Arz-i-Ikhlas.** An Humble Petition to His Majesty the King-Emperor by Amir Uddin Maizban, Loharu, 6th September 1919, 12 pages, 22 × 29/8, 2nd Edition, free, Delhi Printing Works, 100.

RELIGIOUS—URDU.

37. **Haqiqt-i-Tariqat.** The true history of devotion to God by Shah Mohd. Abdul Samad and published by Sanauddin alias Aziz Mian, 31st August 1919, 48 pages, 20 × 30/16 mo. 1st edition, free, Delhi Printing Works, 1,000.

38. **Shahadat Nama wa Qasida.** The account of Martyrdom of Hazrat Imam Husain by Sh. Ahmad Husain, 11th September 1919, 16 pages, 1st edition, 18 × 22/8, price 2 annas, Delhi Printing Works, 1000.

39. **Risalai Jalila dar Bayan-i-Masail-i-Qurbani wa Aqiqa.** A treatise on the principles of sacrifice, etc., by M. Abdul Karim, Chittauri Mufti, Ajmer, 5th September 1919, 16 pages, 18 × 22, 1st Edition, price 1 anna, Mahbub-ul-Mataba Press, 1,000.

40. **Mailad Sharif Akbar.** The praise of the Holy Prophet by Akbar by Mohd. Akbar Khan Varsi of Meerut, published by Sheikh Ahmad Hussain and Zakrul Rahman, booksellers, Delhi, 19th August 1919, 96 pages, Royal 8 vo., 1st Edition, price 8 annas, Delhi Printing Works, 1,000.

41. **Izhar-ul-Sidq or the revealing of the truth.** A speech by Seth Abdulla Ala Din Sikandarabadi, 31st July 1919, 36 pages, 18 × 22/16, 1st Edition, price not known, Indian Press, 500.

42. **Tafsir-i-Quran, Para biast-o-Nahum.** Explanation of the holy Quran by Shayaq Ahmad Usmani, of Bhagalpur, 29th September 1919, 240 pages, 18 × 22/8, 1st Edition, price Rs. 2, Delhi Printing Works, 1,000.

43. **Dua-i-Uns,** the prayer by Hazrat Uns for saving from all miseries and evil spirits by M. Nur Mohd. of Ludhiana, 9th June 1919, 16 pages, 18 × 22/32 mo., 1st Edition, free, Delhi Printing Works, 8,000.

RELIGIOUS—HINDI.

44. **Bhajan Pakhand Khandan,** New Series, Part I by Ch. Fatteh Singh of Patiala State, 26th June 1919, 96 pages, 20 × 26 = 16 pages, 1st Edition, price 6 annas, Saddharam Pracharak Press, 1,000.

45. **Sanatam Dharm Bhajan Mandli II Part or Hindi Songs** by Raja Ram of Delhi, 23rd June 1919, 16 pages, 1/8 30 × 30/8 vo., 1st Edition, price 1 anna, Khanna Press, 1,000.

46. **Sachchi Haqiqat,** the true history of Jainism by Satya Asatya Nirnaya Committee, published by Nagar Seth Sobhagya Mal, Jawra Wala, 26th July 1919, 43 pages, 20 × 30, 1st Edition, free, Saddharam Pracharak Press, 250.

47. **Niyama Wali Yog Sadhan Yantra,** Rules for the use of Magic Apparatus by Manager Yog Sadhan Yantra Karyala, Karnal, 13th September 1919, 24 pages, 17 × 27/32 mo., 2nd Edition, free, Delhi Printing Works, 1,000.

RELIGIOUS—PERSIAN & ARABIC.

48. **Ba Meyar-ul-Haq,** Muslim Tradition by M. Nazir Hussain, 14th August 1919, 280 pages, 20 × 26, 2nd Edition, price Rs. 2, Rahmani Press, 500.

49. **Shamsher-i-Hilabi,** Praise of God and Prophet in Poetry by Zain-ul-Abdin and Nadir Ali, 12th August 1919, 16 pages, 18 × 22/8, 1st Edition, price 1 anna, Mustafai Press 500.

50. **Haqiqat-ul-Tawassul wa Wasilat,** the meaning of recommendation or the proof of bearing the dead, by M. Abdul Sattar Kalanori, published by H. Hamid Ulla, Merchant, Delhi, 1st August 1919, 40 pages, 20 × 26/4, 1st Edition, free, Indian Press, 1,000.

51. **Aljawahar-ul-Zawahar,** the light and bright pearls by M. Ashiq Ilahi of Meerut, published by Hakim Mohd. Ibrahim, Rangoon, 29th July 1919, 780 pages, Royal 8 vo. 1st Edition, price 3 annas, Delhi Printing Works, 2,000.

52. **Sarat-i-Mohammadi,** Path of Mohammadan Religion by M. Kifayat Ulla, Manager, Madrasa Darul Kitab, Surat, published by Sh. Hamid Ulla, Merchant, 22nd July 1919, 18 pages, 20 × 26, 1st Edition, free, Nami Press, 6,000.

53. **Tahzib-i-Ahmadi or the etiquette of Ahmad** by Hakim S. Tajammul Husain, Fazli Broach, 25th June 1919, 22 × 39/32 mo., 2nd Edition, 64 pages, free, Delhi Printing Works, 3,000.

SOCIAL REFORM—HINDI.

54. **Shastrarth on Varan Vivastha.** A debate on caste system by P. Ram Sarup Sharma of Dabar, 4th August 1919, 16 pages, 1st Edition, 20 × 26/16, price 1 anna, Saddharam Pracharak Press, 500.

H. A. SMITH,
Deputy Commissioner.

PUBLIC WORKS DEPARTMENT, DELHI.

NOTIFICATION.

Raisina, the 6th January 1920.

No. 222-E.—Mr. R. W. Mantle, having been appointed by His Majesty's Secretary of State as a Works Assistant (Plumber), assumed charge of his duties in the Public Works Department, Delhi, on the forenoon of the 22nd December 1919.

C. A. BARRON,
Chief Commissioner.

ORDERS BY THE HON'BLE THE CHIEF COMMISSIONER, AJMER-MERWARA.

NOTIFICATIONS.

Udaipur, the 18th December 1919.

No. 2192-C.—1093.—The following draft of a Notification which it is proposed to issue in exercise of the powers conferred by section 9 of the Indian Petroleum Act, 1899 (VIII of 1899), is published for the information of all persons likely to be affected thereby, and notice is hereby given that the said draft will be taken into consideration by the Hon'ble the Chief Commissioner on or after the 15th February 1920.

2. Any objection or suggestion which may be received from any person with respect to the draft before the date aforesaid will be considered by the Hon'ble the Chief Commissioner.

Draft Notification.

In exercise of the powers conferred by section 9 of the Indian Petroleum Act, 1899 (VIII of 1899), and with the previous sanction of the Governor-General in Council, the Hon'ble the Chief Commissioner is pleased to make the following amendments in the Ajmer-Merwara Petroleum Rules issued in this office Notification No. 1530-1093, dated the 14th October 1909 :—

(1) In rule 2, Chapter V, Part II of the said rules, the words "otherwise than in bulk" shall be omitted.

(2) In rule 6, Chapter V, Part II of the said rules, the words "other than in bulk" shall be omitted.

(3) In Form H—

(a) the words "otherwise than in bulk," wherever they occur, shall be omitted; and

(b) in condition 1 of the conditions attached to the Form, after the words "The petroleum" the words "if not in bulk" shall be inserted.

(4) In Form I—

(a) for the words "$\frac{\text{otherwise than in bulk}}{\text{in bulk or otherwise than in bulk}}$" the words "in bulk or otherwise than in bulk" shall be substituted; and

(b) in condition 1 of sub-head I of the conditions attached to the Form, after the words "The petroleum" the words "if not in bulk" shall be inserted.

(5) In Form I-A for the words "$\frac{\text{in bulk or otherwise than in bulk}}{\text{otherwise than in bulk}}$" wherever they occur the words "in bulk or otherwise than in bulk" shall be substituted.

(6) In Form K—

(a) the words "cases or packages containing in all" shall be enclosed in brackets and an asterisk placed before the opening bracket; and the following marginal reference shall be inserted, namely :—

"To be omitted when petroleum is transported in bulk"

and

(b) in condition 1 of the conditions attached to the Form, after the words "The petroleum" the words "if not in bulk" shall be inserted.

Abu, the 5th January 1920.

No. 14—908.—In exercise of the powers conferred by Section 24 of the Excise Regulation 1915, I of 1915, the Hon'ble the Chief Commissioner is pleased, in supersession of all previous orders on the subject, to impose a duty of Rs. 24 a seer on charas imported for consumption in Ajmer-Merwara, with effect from the 1st April 1920.

By order,
R. R. MACONACHIE,
First Assistant to the Hon'ble the Chief Commissioner of Ajmer-Merwara.

ORDERS BY THE HON'BLE THE AGENT TO THE GOVERNOR-GENERAL, RAJPUTANA.

NOTIFICATION.

Dated the 2nd January 1920.

No. 2406-C.—3—In exercise of the powers conferred by Sections 24 (1) (*b*) and 112 (2) (*b*) of the Abu Municipal Law, 1919, the Hon'ble the Agent to the Governor-General is pleased to make the following rules for the assessment and collection of tax on hawkers plying their trade in the Abu Municipal area.

1. The term "hawker" shall mean and include all itinerant vendors who take and expose goods for sale outside the limits of the Abu Bazar; but it shall not apply to the sale of goods by a shop-keeper or hotel-keeper at his shop or hotel situated outside bazar limits nor to goods taken out of bazar limits for sale by a *bonâfide* shop-keeper on a written order of a customer.

2. The limits of the Abu Bazar are the group of houses comprised in Blocks A to H of the Municipal Register.

3. No hawker shall ply his trade within Municipal limits unless he shall have first obtained a license from the Municipal Committee.

4. Such license shall be valid for one year commencing from the 1st April, and shall be subject to the following conditions :—

(1) The licensee shall deposit a sum of Rs. 10 as security for due observance by him of the conditions of the license.

(2) No goods shall be exposed for sale at night, *i.e.*, after half an hour after sunset and before half an hour before sunrise.

(3) The licensee shall not make any loud cry or noise for the purpose of attracting attention to his goods.

(4) The licensee shall not sell or attempt to sell, or to attract attention to, his goods on any road, path or other public place prohibited by the Municipal Committee.

(5) On expiry or surrender of his license the licensee shall declare what income he has derived from such hawking and shall pay a tax on such income calculated as follows :—

(*a*) An income not exceeding Rs. 500—a tax at Rs. 2½ per cent., subject to maximum of Rs. 5.

(*b*) An income exceeding Rs. 500 but not exceeding Rs. 750—a tax of Rs. 7-8-0.

(*c*) An income exceeding Rs. 750 but not exceeding Rs. 1,000—a tax of Rs. 10.

(*d*) An income exceeding Rs. 1,000—a tax at Rs. 1-8-0 per cent. on each complete Rs. 100.

(6) On payment of the prescribed tax the security deposit shall forthwith be refunded to the licensee.

5. These rules shall come into force with effect from 1st April 1920.

By order,

R. R. MACONACHIE,

First Assistant to the Hon'ble the Agent to the Governor-General, Rajputana.

MILITARY ACCOUNTS DEPARTMENT.

NOTIFICATIONS.

Delhi, the 3rd January 1920.

No. 1172-*An*.—Mr. T. K. Ratnavelu Mudaliar, officiating Deputy Examiner, 2nd grade, in the office of the Controller of Military Accounts, 9th (Secunderabad) Division, reverted to his own grade, with effect from the 5th December 1919.

Delhi, the 6th January 1920.

No. 1206-*An*.—Mr. H. R. Grinnol, Deputy Examiner, 1st grade, in the office of the Senior Controller of Military Supply Accounts, is granted leave for 3 months and 11 days in extension of the leave granted to him in Military Accounts Department Notification No. 508-G., dated the 13th June 1919.

B. N. MITRA,

Military Accountant General.